S6270-1

Ohio Labor Market Information

# Labor Market Review

January 1991

**Summary.** The seasonally adjusted unemployment rate in Ohio rose from 5.6 percent in December 1990 to 5.9 percent in January 1991. The national rate rose from 6.1 percent to 6.2 percent over the month. Total employment in Ohio decreased 114,000 from December to 5,065,000 in January. There were 318,000 unemployed Ohioans in January, up 9,000 from December. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,914,000 in January, was up 5,000 from December due to increases in service-producing industries. (See page 3.)

**Goods-Producing Industries.** Employment in goods-producing industries was up 1,000 from December to 1,313,000 in January. Construction employment advanced 2,000 over the month to 199,000. Manufacturing employment, at 1,097,000 in January, was virtually unchanged from December. Losses in durable goods, especially transportation equipment, fabricated metal products, and electronic and other electric equipment were offset by scattered gains in nondurable goods. Mining employment totaled 17,000, little changed from December.

**Service-Producing Industries.** There were 3,601,000 people employed in service-producing industries in January, up 4,000 from December. Employment in government rose 2,000 over the month. Transportation and public utilities and retail trade added 1,000 jobs each. Employment in services declined 1,000 over the month. Other service-producing industries reported no change from December to January.

**Over the Year.** Ohio's unemployment rate decreased from 6.3 percent in January 1990 to 5.9 percent in January 1991. The national rate rose from 5.3 percent to 6.2 percent during the same period. Total employment in Ohio was down 9,000 from January 1990, while total unemployment was 26,000 lower. Nonfarm payroll employment increased 79,000 over the year. Services added 49,000 jobs, while government increased 14,000. All other service-producing industries had small gains over the year. Manufacturing employment was up 3,000 from January 1990. Advances in transportation equipment, food and kindred products, and printing and publishing overshadowed declines in electronic and other electric equipment, industrial machinery and equipment, and stone, clay, and glass products. Mining and construction employment were on par with their January 1990 levels.

**Factory Hours and Earnings.** Production workers in manufacturing industries in Ohio earned an average of $538.00 per week in January, down $5.13 from December. Their average workweek declined 0.4 hours to 41.9 hours. Most manufacturing industries had lower earnings due to less overtime, although iron and steel foundries had notably higher earnings. The most significant declines were in motor vehicles and equipment, aircraft and parts, and metal forgings and stampings.

**Ohio Bureau of Employment Services**
George V. Voinovich, Governor James Conrad, Administrator

**Benefits and Costs.** There were 156,248 initial claims filed under the Ohio Unemployment Compensation Law in January, up 18.7 percent from December, and up 24.0 percent from January 1990. Total benefits paid rose 64.4 percent to $113.5 million. The average weekly benefit check of $179.02 was $3.00 higher than in December. The average weekly number of benefit recipients, at 135,113, increased 40.7 percent. At the end of January, there were 207,729 active employer accounts.

**Employment Service.** The Ohio Bureau of Employment Services assisted 32,863 new job applicants in January, up 22.5 percent from December, but down 13.2 percent from January 1990. The Employment Services Division made 16,941 job referrals in January, up 32.5 percent from December. Total placements declined 26.4 percent over the month to 2,431.

---

## Collection Method Alternatives For the *Report on Employment, Payroll, and Hours*

Service-sector employers of one hundred or more workers will soon be given the opportunity to report their monthly data by telephone at a convenient, prearranged time. Interviewers will telephone employers once each month to collect data, doing away with the familiar but less efficient mailed shuttle schedule.

If you are a large employer in services, information on this pilot project will be reaching your mailbox in the near future.

---

### In This Issue


Summary ..... 1
Seasonally Adjusted Series
Current Data ..... 3
Historical Data ..... 5
Civilian Labor Force and Nonagricultural Wage and Salary Employment Graphs ..... 6
Nonseasonally Adjusted Series
Historical Data ..... 7
Current Data ..... 10

Akron PMSA Data ..... 14
Canton MSA Data ..... 18
Cincinnati PMSA Data ..... 22
Cleveland PMSA Data ..... 26
Columbus MSA Data ..... 30
Dayton–Springfield MSA Data ..... 34
Toledo MSA Data ..... 38
Youngstown–Warren MSA Data ..... 42

Hamilton–Middletown PMSA ..... 46
Lima MSA ..... 48
Lorain–Elyria PMSA ..... 50
Mansfield MSA ..... 52
Steubenville–Weirton MSA ..... 54

Technical Notes ..... 56
Employment Service Activities and Unemployment Insurance Activities ..... 57

## Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

Ohio

| | Employment (in thousands) | | | Change[b] (in thousands) | | Percent Change[c] | |
|---|---|---|---|---|---|---|---|
| | Jan. 1991 | Dec. 1990 | Jan. 1990 | From Last Month | From Last Year | From Last Month | From Last Year |
| **Household Survey Data[d]** | | | | | | | |
| Civilian Labor Force | 5,383 | 5,488 | 5,418 | -105 | -35 | -1.9 | -.6 |
| Employment | 5,065 | 5,179 | 5,074 | -114 | -9 | -2.2 | -.2 |
| Unemployment | 318 | 309 | 344 | 9 | -26 | 2.9 | -7.6 |
| Unemployment Rate | 5.9 | 5.6 | 6.3 | | | | |
| **Employer Survey Data[e]** | | | | | | | |
| **Total** | 4,914 | 4,909 | 4,835 | 5 | 79 | .1 | 1.6 |
| **Goods-Producing Industries** | 1,313 | 1,312 | 1,310 | 1 | 3 | .1 | .2 |
| Mining | 17 | 17 | 18 | 0 | 0 | -.1 | -1.9 |
| Coal Mining | 7 | 7 | 7 | 0 | 0 | -.2 | -3.5 |
| Oil and Gas Extraction | 6 | 6 | 6 | 0 | 0 | -.9 | -1.8 |
| Construction | 199 | 197 | 199 | 2 | 0 | .9 | .1 |
| General Building Contractors | 48 | 47 | 48 | 1 | 0 | 2.3 | -.7 |
| Heavy Construction, Except Building | 24 | 23 | 23 | 0 | 0 | 1.0 | 1.0 |
| Special Trade Contractors | 127 | 127 | 127 | 0 | 0 | .3 | .3 |
| Manufacturing | 1,097 | 1,097 | 1,094 | 0 | 3 | .0 | .3 |
| Durable Goods | 724 | 728 | 727 | -3 | -3 | -.5 | -.4 |
| Lumber and Wood Products | 21 | 22 | 21 | 0 | 0 | -.7 | .3 |
| Furniture and Fixtures | 15 | 15 | 15 | 0 | 0 | .7 | 3.2 |
| Stone, Clay, and Glass Products | 44 | 44 | 46 | 0 | -2 | .5 | -4.9 |
| Primary Metal Industries | 100 | 100 | 99 | 0 | 1 | .1 | 1.1 |
| Fabricated Metal Products | 128 | 129 | 127 | -1 | 1 | -.8 | .6 |
| Industrial Machinery and Equipment | 163 | 163 | 166 | 0 | -3 | .2 | -1.8 |
| Electronic and Other Electric Equipment | 76 | 77 | 80 | -1 | -4 | -1.7 | -4.6 |
| Transportation Equipment | 135 | 137 | 130 | -2 | 5 | -1.2 | 3.9 |
| Instruments and Related Products | 26 | 26 | 27 | 0 | -1 | .0 | -3.5 |
| Nondurable Goods | 372 | 369 | 366 | 3 | 6 | .8 | 1.6 |
| Food and Kindred Products | 64 | 63 | 62 | 1 | 2 | 2.0 | 2.4 |
| Apparel and Other Textile Products | 15 | 14 | 14 | 0 | 0 | 1.9 | 2.1 |
| Paper and Allied Products | 38 | 38 | 38 | 0 | 1 | .8 | 1.9 |
| Printing and Publishing | 76 | 76 | 74 | 1 | 2 | .9 | 2.6 |
| Chemicals and Allied Products | 67 | 67 | 66 | 0 | 1 | .6 | 2.0 |
| Rubber and Misc. Plastics Products | 93 | 93 | 93 | 0 | 0 | -.1 | -.2 |
| **Service-Producing Industries** | 3,601 | 3,597 | 3,525 | 4 | 76 | .1 | 2.2 |
| Transportation and Public Utilities | 223 | 221 | 220 | 1 | 3 | .6 | 1.3 |
| Transportation | 130 | 129 | 127 | 1 | 3 | .6 | 2.1 |
| Communications, Electric, Gas Services | 93 | 92 | 92 | 1 | 0 | .6 | .2 |

See footnotes on page 4.

## Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted



| | Employment (in thousands) | | | Change[b] (in thousands) | | Percent Change[c] | |
|---|---|---|---|---|---|---|---|
| | Jan. 1991 | Dec. 1990 | Jan. 1990 | From Last Month | From Last Year | From Last Month | From Last Year |
| Wholesale Trade | 264 | 265 | 260 | 0 | 4 | .0 | 1.6 |
| Wholesale Trade-Durable Goods | 165 | 165 | 163 | 0 | 2 | .0 | 1.0 |
| Wholesale Trade-Nondurable Goods | 100 | 100 | 97 | 0 | 2 | -.1 | 2.6 |
| Retail Trade | 913 | 912 | 909 | 1 | 4 | .1 | .4 |
| Building Materials and Garden Supplies | 34 | 35 | 34 | 0 | 0 | -.5 | 1.4 |
| General Merchandise Stores | 124 | 124 | 127 | 0 | -3 | -.1 | -2.5 |
| Food Stores | 141 | 141 | 140 | 0 | 1 | -.2 | .7 |
| Automotive Dealers and Service Stations | 98 | 98 | 99 | 0 | -1 | -.3 | -.8 |
| Apparel and Accessory Stores | 49 | 50 | 50 | 0 | -1 | -.3 | -1.9 |
| Furniture and Homefurnishings Stores | 31 | 31 | 31 | 0 | 0 | -.8 | 1.0 |
| Eating and Drinking Places | 316 | 314 | 312 | 2 | 4 | .6 | 1.3 |
| Miscellaneous Retail | 118 | 118 | 115 | 1 | 3 | .5 | 2.6 |
| Finance, Insurance, and Real Estate | 256 | 256 | 253 | 0 | 3 | .1 | 1.1 |
| Finance | 121 | 121 | 121 | 0 | 0 | -.1 | .2 |
| Depository Institutions | 90 | 90 | 90 | 0 | 0 | -.2 | -.5 |
| Insurance | 91 | 91 | 90 | 0 | 1 | -.1 | 1.0 |
| Real Estate | 44 | 44 | 43 | 1 | 2 | 1.2 | 3.6 |
| Services | 1,219 | 1,220 | 1,170 | -1 | 49 | -.1 | 4.2 |
| Hotels and Other Lodging Places | 41 | 40 | 40 | 0 | 0 | .3 | .9 |
| Personal Services | 56 | 55 | 55 | 1 | 1 | 1.0 | 1.9 |
| Business Services | 223 | 224 | 207 | -1 | 16 | -.3 | 7.6 |
| Amusements, Including Motion Pictures | 64 | 64 | 61 | 0 | 2 | -.7 | 3.8 |
| Health Services | 404 | 404 | 391 | 0 | 13 | .1 | 3.4 |
| Legal Services | 30 | 30 | 29 | 0 | 1 | .0 | 3.8 |
| Educational Services | 64 | 64 | 63 | 0 | 1 | -.1 | .9 |
| Social Services | 82 | 82 | 77 | 0 | 4 | .4 | 5.7 |
| Membership Organizations | 79 | 79 | 78 | 0 | 1 | -.4 | 1.0 |
| Engineering and Management Services | 93 | 93 | 89 | 0 | 4 | .3 | 4.6 |
| Government | 727 | 725 | 713 | 2 | 14 | .3 | 1.9 |
| Federal Government | 95 | 94 | 97 | 0 | -3 | .4 | -2.8 |
| State Government | 163 | 163 | 158 | 1 | 5 | .4 | 3.0 |
| State Government Education | 85 | 85 | 82 | 0 | 3 | .0 | 3.7 |
| Local Government | 469 | 468 | 457 | 1 | 12 | .2 | 2.5 |
| Local Government Education | 271 | 271 | 265 | 0 | 7 | .0 | 2.5 |

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

# Seasonally Adjusted Estimates[a]

## Ohio Civilian Labor Force Estimates

(In Thousands)

| Civilian Labor Force | | | Unemployment Rates | | |
|---|---|---|---|---|---|
| Total | Employed | Unemployed | Ohio | U.S. | |
| | | | | | 1989 |
| 5,391 | 5,087 | 304 | 5.6 | 5.4 | January |
| 5,396 | 5,118 | 278 | 5.2 | 5.2 | February |
| 5,409 | 5,117 | 292 | 5.4 | 5.1 | March |
| 5,375 | 5,095 | 280 | 5.2 | 5.2 | April |
| 5,410 | 5,121 | 289 | 5.3 | 5.2 | May |
| 5,447 | 5,138 | 309 | 5.7 | 5.4 | June |
| 5,428 | 5,130 | 298 | 5.5 | 5.3 | July |
| 5,428 | 5,144 | 284 | 5.2 | 5.2 | August |
| 5,435 | 5,140 | 295 | 5.4 | 5.3 | September |
| 5,452 | 5,132 | 320 | 5.9 | 5.3 | October |
| 5,420 | 5,087 | 333 | 6.1 | 5.3 | November |
| 5,426 | 5,102 | 324 | 6.0 | 5.3 | December |
| | | | | | 1990 |
| 5,418 | 5,074 | 344 | 6.3 | 5.3 | January |
| 5,386 | 5,073 | 313 | 5.8 | 5.3 | February |
| 5,408 | 5,107 | 301 | 5.6 | 5.3 | March |
| 5,421 | 5,106 | 315 | 5.8 | 5.4 | April |
| 5,429 | 5,112 | 317 | 5.8 | 5.3 | May |
| 5,421 | 5,129 | 292 | 5.4 | 5.3 | June |
| 5,420 | 5,115 | 305 | 5.6 | 5.5 | July |
| 5,447 | 5,159 | 288 | 5.3 | 5.6 | August |
| 5,447 | 5,156 | 291 | 5.3 | 5.7 | September |
| 5,463 | 5,148 | 315 | 5.8 | 5.7 | October |
| 5,452 | 5,156 | 296 | 5.4 | 5.9 | November |
| 5,488 | 5,179 | 309 | 5.6 | 6.1 | December |
| | | | | | 1991 |
| 5,383 | 5,065 | 318 | 5.9 | 6.2 | January |

## Ohio Nonagricultural Wage and Salary Employment

(In Thousands)

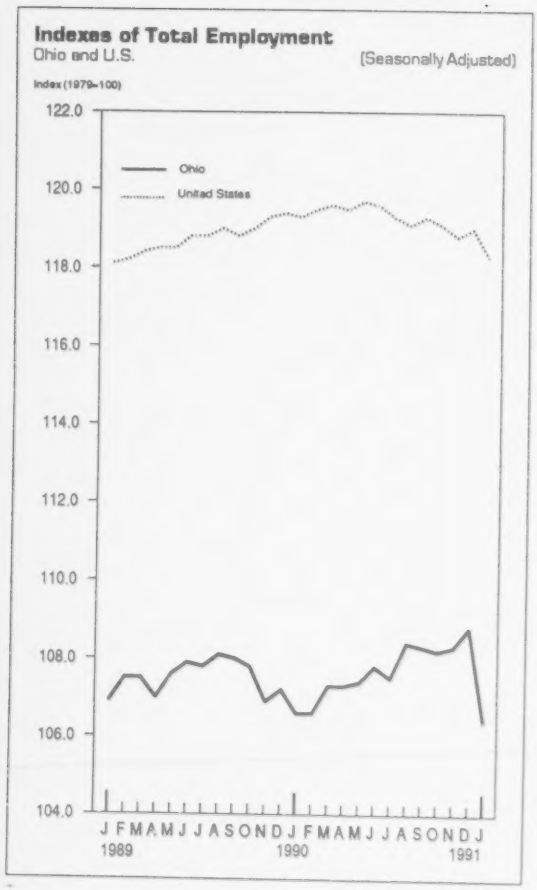
| Nonagricultural Employment | | | | | |
|---|---|---|---|---|---|
| | Goods–Producing Employment | | | | |
| Total | Total | Mining | Construction | Manufacturing | |
| | | | | | 1989 |
| 4,775 | 1,338 | 18 | 191 | 1,128 | January |
| 4,796 | 1,340 | 18 | 194 | 1,128 | February |
| 4,817 | 1,342 | 18 | 194 | 1,130 | March |
| 4,792 | 1,336 | 18 | 193 | 1,125 | April |
| 4,797 | 1,333 | 18 | 190 | 1,125 | May |
| 4,814 | 1,337 | 18 | 192 | 1,127 | June |
| 4,818 | 1,331 | 16 | 194 | 1,120 | July |
| 4,835 | 1,338 | 18 | 196 | 1,124 | August |
| 4,837 | 1,334 | 18 | 196 | 1,120 | September |
| 4,830 | 1,323 | 18 | 193 | 1,112 | October |
| 4,844 | 1,331 | 18 | 196 | 1,118 | November |
| 4,849 | 1,326 | 18 | 195 | 1,114 | December |
| | | | | | 1990 |
| 4,835 | 1,310 | 18 | 199 | 1,094 | January |
| 4,874 | 1,337 | 18 | 205 | 1,115 | February |
| 4,892 | 1,339 | 18 | 205 | 1,116 | March |
| 4,874 | 1,333 | 18 | 200 | 1,115 | April |
| 4,893 | 1,333 | 18 | 197 | 1,118 | May |
| 4,905 | 1,336 | 18 | 197 | 1,121 | June |
| 4,906 | 1,329 | 18 | 196 | 1,115 | July |
| 4,916 | 1,332 | 18 | 197 | 1,117 | August |
| 4,914 | 1,329 | 17 | 197 | 1,114 | September |
| 4,922 | 1,330 | 17 | 196 | 1,117 | October |
| 4,913 | 1,317 | 17 | 198 | 1,102 | November |
| 4,909 | 1,312 | 17 | 197 | 1,097 | December |
| | | | | | 1991 |
| 4,914 | 1,313 | 17 | 19[illegible] | 1,097 | January |

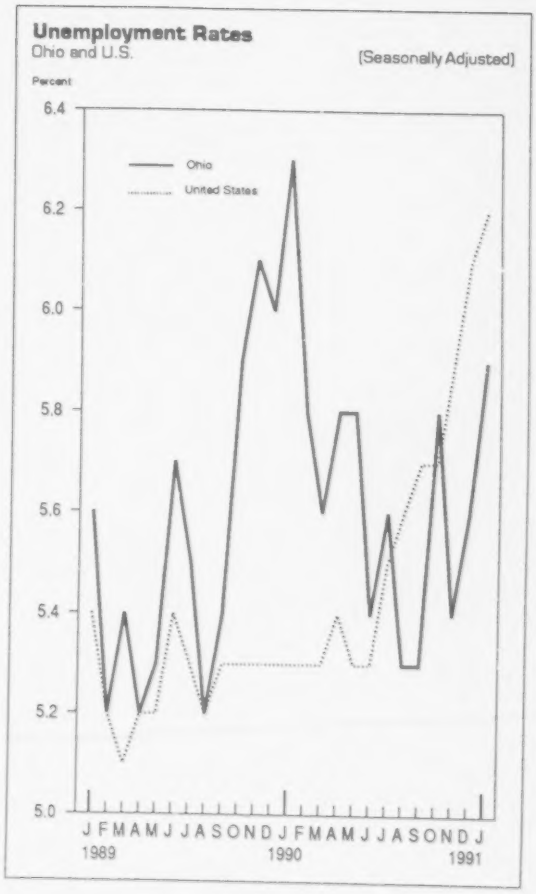
## Service–Producing Employment

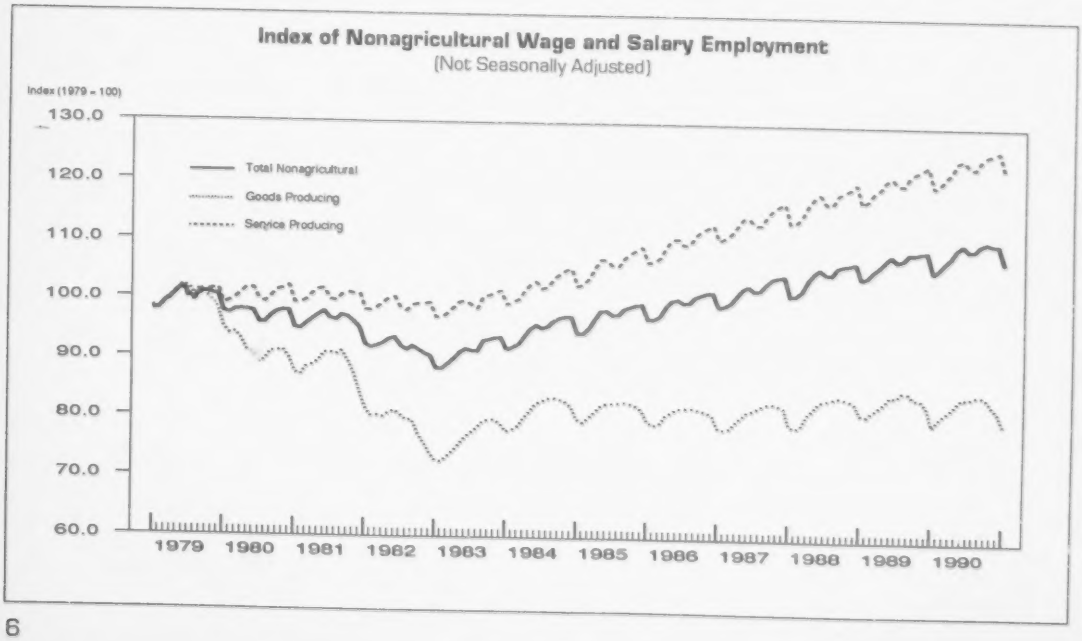
(In Thousands)

| Total | Transportation & Public Utilities | | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | | Services | Government |
|---|---|---|---|---|---|---|---|---|
| | | 1989 | | | | 1989 | | |
| 3,437 | 215 | January | 261 | 889 | 250 | January | 1,124 | 699 |
| 3,456 | 215 | February | 261 | 897 | 251 | February | 1,130 | 701 |
| 3,475 | 215 | March | 262 | 905 | 252 | March | 1,137 | 703 |
| 3,455 | 215 | April | 260 | 895 | 251 | April | 1,132 | 702 |
| 3,464 | 215 | May | 261 | 895 | 251 | May | 1,135 | 706 |
| 3,477 | 216 | June | 261 | 899 | 252 | June | 1,141 | 708 |
| 3,487 | 216 | July | 262 | 901 | 252 | July | 1,149 | 707 |
| 3,497 | 217 | August | 262 | 902 | 253 | August | 1,156 | 707 |
| 3,504 | 218 | September | 261 | 903 | 254 | September | 1,161 | 708 |
| 3,507 | 217 | October | 260 | 902 | 254 | October | 1,164 | 711 |
| 3,513 | 218 | November | 260 | 905 | 254 | November | 1,166 | 710 |
| 3,523 | 219 | December | 260 | 909 | 254 | December | 1,169 | 712 |
| | | 1990 | | | | 1990 | | |
| 3,525 | 220 | January | 260 | 909 | 253 | January | 1,170 | 7[illegible] |
| 3,537 | 220 | February | 260 | 911 | 254 | February | 1,174 | 7[illegible] |
| 3,552 | 221 | March | 261 | 914 | 255 | March | 1,181 | 720 |
| 3,541 | 219 | April | 262 | 906 | 254 | April | 1,179 | 721 |
| 3,560 | 220 | May | 262 | 907 | 254 | May | 1,185 | 731 |
| 3,570 | 219 | June | 263 | 911 | 255 | June | 1,194 | 727 |
| 3,577 | 219 | July | 264 | 911 | 255 | July | 1,199 | 728 |
| 3,584 | 219 | August | 264 | 913 | 255 | August | 1,206 | 726 |
| 3,585 | 220 | September | 264 | 912 | 255 | September | 1,209 | 725 |
| 3,592 | 220 | October | 264 | 911 | 256 | October | 1,214 | 727 |
| 3,596 | 220 | November | 264 | 912 | 256 | November | 1,216 | 728 |
| 3,597 | 221 | December | 265 | 912 | 256 | December | 1,220 | 725 |
| | | 1991 | | | | 1991 | | |
| 3,601 | 223 | January | 264 | 913 | 256 | January | 1,219 | 727 |

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
122.0
120.0
118.0
116.0
114.0
112.0
110.0
108.0
106.0
104.0
Ohio
United States
J F M A M J J A S O N D J F M A M J J A S O N D J
1989
1990
1991


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
6.4
6.2
6.0
5.8
5.6
5.4
5.2
5.0
Ohio
United States
J F M A M J J A S O N D J F M A M J J A S O N D J
1989
1990
1991


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
Total Nonagricultural
Goods Producing
Service Producing
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990

# Nonseasonally Adjusted Estimates[a]

## Ohio Civilian Labor Force Estimates
(in thousands)

| Civilian Labor Force | | | Unemployment Rates | | |
|---|---|---|---|---|---|
| Total | Employed | Unemployed | Ohio | U.S. | |
| 5,089 | 4,663 | 426 | 8.4 | 7.1 | 1980 |
| 5,100 | 4,608 | 492 | 9.6 | 7.6 | 1981 |
| 5,114 | 4,474 | 640 | 12.5 | 9.7 | 1982 |
| 5,099 | 4,478 | 621 | 12.2 | 9.6 | 1983 |
| 5,089 | 4,609 | 480 | 9.4 | 7.5 | 1984 |
| 5,135 | 4,680 | 455 | 8.9 | 7.2 | 1985 |
| 5,232 | 4,806 | 425 | 8.1 | 7.0 | 1986 |
| 5,253 | 4,886 | 367 | 7.0 | 6.2 | 1987 |
| 5,322 | 5,002 | 320 | 6.0 | 5.5 | 1988 |
| 5,419 | 5,118 | 300 | 5.5 | 5.3 | 1989 |
| 5,433 | 5,126 | 307 | 5.7 | 5.5 | 1990 |
| 5,391 | 4,979 | 412 | 7.6 | 5.9 | 1990 January |
| 5,344 | 4,998 | 346 | 6.5 | 5.8 | February |
| 5,353 | 5,035 | 318 | 5.9 | 5.4 | March |
| 5,373 | 5,071 | 302 | 5.6 | 5.2 | April |
| 5,409 | 5,104 | 305 | 5.6 | 5.1 | May |
| 5,481 | 5,179 | 302 | 5.5 | 5.3 | June |
| 5,472 | 5,194 | 278 | 5.1 | 5.5 | July |
| 5,504 | 5,245 | 258 | 4.7 | 5.4 | August |
| 5,436 | 5,177 | 259 | 4.8 | 5.5 | September |
| 5,493 | 5,187 | 306 | 5.6 | 5.4 | October |
| 5,463 | 5,176 | 287 | 5.3 | 5.8 | November |
| 5,484 | 5,169 | 315 | 5.7 | 5.9 | December |
| 5,357 | 4,968 | 389 | 7.3 | 7.0 | 1991 January |

## Ohio Nonagricultural Wage and Salary Employment
(in thousands)

| Nonagricultural Employment | | | | | |
|---|---|---|---|---|---|
| | Goods-Producing Employment | | | | |
| Total | Total | Mining | Construction | Manufacturing | |
| 4,367.4 | 1,462.5 | 30.7 | 167.4 | 1,264.3 | 1980 |
| 4,317.7 | 1,417.0 | 30.7 | 153.7 | 1,232.6 | 1981 |
| 4,124.3 | 1,264.8 | 30.3 | 134.6 | 1,099.9 | 1982 |
| 4,092.5 | 1,223.4 | 26.6 | 130.8 | 1,066.0 | 1983 |
| 4,260.2 | 1,299.7 | 27.8 | 144.8 | 1,127.0 | 1984 |
| 4,372.9 | 1,304.3 | 26.1 | 154.0 | 1,124.2 | 1985 |
| 4,471.4 | 1,293.1 | 22.6 | 160.7 | 1,109.8 | 1986 |
| 4,582.6 | 1,296.2 | 20.9 | 176.4 | 1,098.9 | 1987 |
| 4,700.6 | 1,315.1 | 18.9 | 185.6 | 1,110.6 | 1988 |
| 4,817.4 | 1,334.1 | 17.9 | 193.6 | 1,122.6 | 1989 |
| 4,895.8 | 1,327.8 | 17.6 | 198.5 | 1,111.7 | 1990 |
| 4,738.1 | 1,273.4 | 17.1 | 171.6 | 1,084.7 | 1990 January |
| 4,770.5 | 1,292.8 | 17.0 | 170.7 | 1,105.1 | February |
| 4,819.8 | 1,305.5 | 17.2 | 178.6 | 1,109.7 | March |
| 4,859.9 | 1,317.5 | 17.4 | 188.4 | 1,111.7 | April |
| 4,925.3 | 1,334.0 | 17.6 | 199.1 | 1,117.2 | May |
| 4,956.0 | 1,352.0 | 17.9 | 207.4 | 1,126.7 | June |
| 4,912.3 | 1,347.3 | 18.0 | 214.5 | 1,114.8 | July |
| 4,916.5 | 1,356.3 | 18.0 | 217.8 | 1,120.5 | August |
| 4,958.1 | 1,357.5 | 17.9 | 216.4 | 1,123.2 | September |
| 4,974.2 | 1,352.7 | 17.8 | 213.6 | 1,121.3 | October |
| 4,962.8 | 1,331.3 | 17.6 | 207.6 | 1,106.1 | November |
| 4,955.9 | 1,313.0 | 17.4 | 195.7 | 1,099.9 | December |
| 4,815.2 | 1,276.1 | 16.7 | 171.8 | 1,087.6 | 1991 January |

## Service-Producing Employment
(in thousands)

| Total | Transportation & Public Utilities | | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | | Services | Government |
|---|---|---|---|---|---|---|---|---|
| 2,904.9 | 223.1 | 1980 | 231.7 | 725.5 | 203.8 | 1980 | 830.9 | 689.9 |
| 2,900.7 | 217.2 | 1981 | 233.6 | 716.5 | 205.8 | 1981 | 851.6 | 676.0 |
| 2,859.5 | 206.8 | 1982 | 227.1 | 702.3 | 206.4 | 1982 | 857.3 | 659.6 |
| 2,869.2 | 198.5 | 1983 | 223.6 | 709.9 | 207.8 | 1983 | 873.3 | 656.1 |
| 2,960.5 | 203.9 | 1984 | 237.9 | 746.8 | 211.5 | 1984 | 905.2 | 655.2 |
| 3,068.5 | 202.7 | 1985 | 245.1 | 786.5 | 219.3 | 1985 | 949.5 | 665.2 |
| 3,178.4 | 203.4 | 1986 | 245.7 | 817.1 | 232.3 | 1986 | 1,001.0 | 678.9 |
| 3,286.4 | 207.8 | 1987 | 249.4 | 846.9 | 243.8 | 1987 | 1,051.2 | 687.3 |
| 3,385.5 | 212.1 | 1988 | 256.4 | 877.4 | 249.0 | 1988 | 1,096.8 | 693.3 |
| 3,483.4 | 216.4 | 1989 | 261.0 | 900.1 | 252.4 | 1989 | 1,147.1 | 706.4 |
| 3,568.0 | 219.7 | 1990 | 262.8 | 910.8 | 254.9 | 1990 | 1,195.6 | 724.2 |
| 3,464.8 | 214.7 | 1990 January | 257.9 | 889.0 | 250.7 | 1990 January | 1,136.6 | 715.8 |
| 3,477.7 | 214.5 | February | 257.5 | 878.0 | 251.1 | February | 1,146.7 | 730.0 |
| 3,514.3 | 216.1 | March | 259.2 | 886.9 | 252.3 | March | 1,161.5 | 738.3 |
| 3,542.4 | 217.1 | April | 260.9 | 896.7 | 252.6 | April | 1,178.9 | 736.1 |
| 3,591.3 | 219.6 | May | 262.5 | 910.4 | 254.2 | May | 1,194.3 | 750.3 |
| 3,604.0 | 221.1 | June | 264.6 | 920.0 | 257.3 | June | 1,214.9 | 726.1 |
| 3,565.0 | 221.3 | July | 265.6 | 917.8 | 258.5 | July | 1,217.6 | 684.2 |
| 3,560.3 | 221.4 | August | 265.2 | 922.2 | 258.4 | August | 1,220.4 | 672.5 |
| 3,600.6 | 222.6 | September | 264.4 | 919.6 | 256.4 | September | 1,227.2 | 710.4 |
| 3,621.5 | 222.4 | October | 265.1 | 917.8 | 255.7 | October | 1,222.0 | 738.5 |
| 3,631.6 | 222.1 | November | 265.2 | 928.9 | 255.4 | November | 1,214.9 | 745.0 |
| 3,642.8 | 223.4 | December | 265.9 | 941.7 | 255.8 | December | 1,212.6 | 743.4 |
| 3,539.1 | 217.5 | 1991 January | 262.0 | 892.6 | 253.3 | 1991 January | 1,184.1 | 729.6 |

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

# Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

### Manufacturing Employment

| Total (thousands) | Durable Goods (thousands) | Nondurable Goods (thousands) | |
|---|---|---|---|
| 1,264.3 | 880.3 | 384.1 | 1980 |
| 1,232.6 | 858.2 | 374.4 | 1981 |
| 1,099.9 | 750.5 | 349.4 | 1982 |
| 1,066.0 | 721.9 | 344.1 | 1983 |
| 1,127.0 | 771.7 | 355.4 | 1984 |
| 1,124.2 | 767.0 | 357.3 | 1985 |
| 1,109.8 | 751.0 | 358.8 | 1986 |
| 1,098.9 | 738.9 | 360.0 | 1987 |
| 1,110.6 | 747.3 | 363.4 | 1988 |
| 1,122.6 | 754.7 | 367.9 | 1989 |
| 1,111.7 | 743.3 | 368.5 | 1990 |
| | | | 1990 |
| 1,084.7 | 722.2 | 362.4 | January |
| 1,105.1 | 743.5 | 361.6 | February |
| 1,109.7 | 746.4 | 363.3 | March |
| 1,111.7 | 748.1 | 363.6 | April |
| 1,117.2 | 750.7 | 366.4 | May |
| 1,126.7 | 756.0 | 370.7 | June |
| 1,114.8 | 745.0 | 369.9 | July |
| 1,120.5 | 748.4 | 372.2 | August |
| 1,123.2 | 748.0 | 375.2 | September |
| 1,121.3 | 746.9 | 374.4 | October |
| 1,106.1 | 734.4 | 371.7 | November |
| 1,099.9 | 729.8 | 370.1 | December |
| | | | 1991 |
| 1,087.6 | 719.4 | 368.3 | January |

### Production Workers in Manufacturing

| Production Workers (thousands) | Aggregate Weekly Payroll (millions) | Aggregate Weekly Hours (millions) | |
|---|---|---|---|
| 867.8 | $301.9 | 35.2 | 1980 |
| 847.7 | 330.4 | 34.7 | 1981 |
| 735.7 | 297.1 | 29.5 | 1982 |
| 721.6 | 315.5 | 29.9 | 1983 |
| 781.5 | 362.3 | 33.1 | 1984 |
| 773.4 | 369.7 | 32.5 | 1985 |
| 758.5 | 369.1 | 31.9 | 1986 |
| 751.4 | 375.5 | 32.0 | 1987 |
| 762.3 | 393.0 | 32.8 | 1988 |
| 770.4 | 403.3 | 32.9 | 1989 |
| 757.3 | 405.9 | 32.1 | 1990 |
| | | | 1990 |
| 734.0 | 375.8 | 30.8 | January |
| 755.0 | 391.6 | 31.6 | February |
| 758.3 | 401.3 | 32.1 | March |
| 760.7 | 393.3 | 31.6 | April |
| 763.9 | 414.2 | 32.7 | May |
| 770.6 | 422.2 | 33.1 | June |
| 757.4 | 403.0 | 32.0 | July |
| 763.2 | 409.7 | 32.4 | August |
| 766.3 | 426.7 | 33.1 | September |
| 765.0 | 418.7 | 32.6 | October |
| 749.8 | 410.8 | 32.0 | November |
| 743.7 | 403.9 | 31.5 | December |
| | | | 1991 |
| 733.3 | 394.5 | 30.7 | January |

### Production Worker Average Weekly Earnings

| Manufacturing | Durable Goods | Nondurable Goods | |
|---|---|---|---|
| $347.94 | $358.57 | $319.99 | 1980 |
| 389.78 | 401.64 | 358.16 | 1981 |
| 403.81 | 414.80 | 378.95 | 1982 |
| 437.18 | 452.35 | 402.52 | 1983 |
| 463.61 | 482.38 | 417.83 | 1984 |
| 477.96 | 499.56 | 425.80 | 1985 |
| 486.68 | 507.95 | 439.71 | 1986 |
| 499.70 | 519.52 | 455.03 | 1987 |
| 515.57 | 538.16 | 466.31 | 1988 |
| 523.50 | 542.23 | 478.19 | 1989 |
| 535.94 | 556.38 | 492.74 | 1990 |
| | | | 1990 |
| 511.98 | 524.15 | 485.72 | January |
| 518.72 | 536.36 | 478.67 | February |
| 529.17 | 548.26 | 483.89 | March |
| 517.09 | 534.18 | 478.06 | April |
| 542.28 | 564.19 | 493.08 | May |
| 547.82 | 571.14 | 497.12 | June |
| 532.14 | 550.35 | 491.99 | July |
| 536.78 | 555.93 | 493.92 | August |
| 556.85 | 581.16 | 504.38 | September |
| 547.41 | 571.43 | 496.78 | October |
| 547.84 | 568.43 | 503.37 | November |
| 543.13 | 562.22 | 501.06 | December |
| | | | 1991 |
| 538.00 | 556.50 | 498.73 | January |

### Production Worker Average Weekly Hours

| Manufacturing | Durable Goods | Nondurable Goods | |
|---|---|---|---|
| 40.6 | 40.7 | 40.2 | 1980 |
| 40.9 | 40.9 | 40.7 | 1981 |
| 40.1 | 40.0 | 40.4 | 1982 |
| 41.4 | 41.5 | 41.2 | 1983 |
| 42.3 | 42.5 | 41.7 | 1984 |
| 42.0 | 42.3 | 41.3 | 1985 |
| 42.1 | 42.4 | 41.6 | 1986 |
| 42.6 | 42.9 | 41.9 | 1987 |
| 43.0 | 43.4 | 42.2 | 1988 |
| 42.7 | 43.0 | 41.8 | 1989 |
| 42.4 | 42.7 | 41.9 | 1990 |
| | | | 1990 |
| 42.0 | 42.1 | 41.8 | January |
| 41.9 | 42.2 | 41.3 | February |
| 42.3 | 42.6 | 41.5 | March |
| 41.5 | 41.7 | 41.0 | April |
| 42.8 | 43.2 | 42.0 | May |
| 43.0 | 43.4 | 42.2 | June |
| 42.2 | 42.4 | 41.8 | July |
| 42.4 | 42.6 | 42.0 | August |
| 43.2 | 43.5 | 42.6 | September |
| 42.6 | 42.9 | 42.1 | October |
| 42.7 | 42.9 | 42.3 | November |
| 42.3 | 42.4 | 42.0 | December |
| | | | 1991 |
| 41.9 | 42.0 | 41.7 | January |

### Production Worker Average Hourly Earnings

| Manufacturing | Durable Goods | Nondurable Goods | |
|---|---|---|---|
| $ 8.57 | $ 8.81 | $ 7.96 | 1980 |
| 9.53 | 9.82 | 8.80 | 1981 |
| 10.07 | 10.37 | 9.38 | 1982 |
| 10.56 | 10.90 | 9.77 | 1983 |
| 10.96 | 11.35 | 10.02 | 1984 |
| 11.38 | 11.81 | 10.31 | 1985 |
| 11.56 | 11.98 | 10.57 | 1986 |
| 11.73 | 12.11 | 10.86 | 1987 |
| 11.99 | 12.40 | 11.05 | 1988 |
| 12.26 | 12.61 | 11.44 | 1989 |
| 12.64 | 13.03 | 11.76 | 1990 |
| | | | 1990 |
| 12.19 | 12.45 | 11.62 | January |
| 12.38 | 12.71 | 11.59 | February |
| 12.51 | 12.87 | 11.66 | March |
| 12.46 | 12.81 | 11.66 | April |
| 12.67 | 13.06 | 11.74 | May |
| 12.74 | 13.16 | 11.78 | June |
| 12.61 | 12.98 | 11.77 | July |
| 12.66 | 13.05 | 11.76 | August |
| 12.89 | 13.36 | 11.84 | September |
| 12.85 | 13.32 | 11.80 | October |
| 12.83 | 13.25 | 11.90 | November |
| 12.84 | 13.26 | 11.93 | December |
| | | | 1991 |
| 12.84 | 13.25 | 11.96 | January |

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

# Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

## Employment

(thousands)

| Stone, Clay, and Glass Products | Primary Metal Industries | Fabricated Metal Products | | Industrial Machinery and Equipment | Electronic and Other Electric Equipment | Transportation Equipment | | Food and Kindred Products | Printing and Publishing | Rubber and Miscellaneous Plastics Products |
|---|---|---|---|---|---|---|---|---|---|---|
| 62.0 | 139.8 | 157.5 | 1980 | 219.2 | 96.5 | 138.6 | 1980 | 72.7 | 67.4 | 95.1 |
| 58.6 | 138.3 | 154.8 | 1981 | 211.8 | 92.3 | 136.4 | 1981 | 69.2 | 66.1 | 91.4 |
| 52.1 | 112.7 | 134.9 | 1982 | 183.4 | 84.7 | 121.1 | 1982 | 66.9 | 63.2 | 82.4 |
| 50.2 | 104.1 | 129.8 | 1983 | 160.1 | 81.7 | 131.6 | 1983 | 63.4 | 62.8 | 84.5 |
| 50.5 | 108.9 | 138.8 | 1984 | 173.1 | 85.4 | 144.4 | 1984 | 62.8 | 65.1 | 92.7 |
| 48.5 | 101.8 | 139.7 | 1985 | 171.7 | 83.2 | 150.6 | 1985 | 62.9 | 66.8 | 93.3 |
| 47.5 | 95.4 | 136.8 | 1986 | 163.9 | 82.0 | 153.2 | 1986 | 63.0 | 68.4 | 94.5 |
| 46.5 | 95.8 | 132.9 | 1987 | 160.3 | 79.9 | 148.8 | 1987 | 63.1 | 70.5 | 93.6 |
| 46.0 | 100.8 | 135.2 | 1988 | 163.9 | 80.0 | 142.8 | 1988 | 62.5 | 72.5 | 93.4 |
| 45.9 | 102.4 | 135.6 | 1989 | 167.7 | 79.9 | 143.8 | 1989 | 62.9 | 73.8 | 95.5 |
| 45.6 | 100.1 | 131.0 | 1990 | 165.2 | 79.2 | 143.6 | 1990 | 61.9 | 75.2 | 94.0 |
| | | | 1990 | | | | 1990 | | | |
| 44.9 | 98.1 | 126.3 | January | 165.8 | 79.9 | 130.3 | January | 61.0 | 74.1 | 92.3 |
| 44.6 | 99.6 | 130.3 | February | 166.3 | 80.1 | 145.5 | February | 59.4 | 73.9 | 92.9 |
| 45.4 | 99.8 | 130.6 | March | 166.3 | 80.2 | 145.4 | March | 60.1 | 74.2 | 93.1 |
| 46.1 | 99.3 | 131.5 | April | 165.8 | 80.1 | 146.7 | April | 60.3 | 74.3 | 93.7 |
| 46.0 | 100.3 | 132.4 | May | 166.0 | 79.8 | 147.1 | May | 61.0 | 74.5 | 94.5 |
| 46.5 | 101.7 | 133.4 | June | 166.7 | 79.7 | 148.7 | June | 61.8 | 75.3 | 95.7 |
| 46.2 | 99.4 | 132.0 | July | 166.3 | 79.4 | 142.4 | July | 61.9 | 75.7 | 93.8 |
| 46.3 | 100.5 | 131.8 | August | 165.0 | 79.0 | 146.8 | August | 62.7 | 75.8 | 94.9 |
| 46.1 | 101.9 | 132.6 | September | 164.5 | 78.8 | 145.2 | September | 65.3 | 75.9 | 95.4 |
| 46.0 | 101.2 | 131.6 | October | 163.7 | 78.6 | 147.0 | October | 64.3 | 75.9 | 95.4 |
| 45.4 | 99.8 | 130.0 | November | 162.7 | 77.8 | 140.6 | November | 62.6 | 76.2 | 94.2 |
| 43.8 | 99.7 | 129.6 | December | 163.5 | 77.3 | 137.8 | December | 62.6 | 76.4 | 92.6 |
| | | | 1991 | | | | 1991 | | | |
| 42.7 | 99.2 | 127.0 | January | 162.8 | 76.2 | 135.4 | January | 62.5 | 76.0 | 92.1 |

## Average Weekly Earnings of Production Workers

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $315.43 | $422.01 | $349.34 | 1980 | $352.77 | $316.31 | $414.83 | 1980 | $329.85 | $320.92 | $323.61 |
| 348.02 | 484.04 | 389.61 | 1981 | 389.16 | 350.27 | 471.50 | 1981 | 362.75 | 347.70 | 368.67 |
| 376.88 | 480.54 | 398.77 | 1982 | 392.63 | 366.56 | 506.99 | 1982 | 386.04 | 358.45 | 381.11 |
| 400.57 | 503.85 | 460.65 | 1983 | 424.09 | 394.63 | 557.92 | 1983 | 403.79 | 375.62 | 412.25 |
| 419.15 | 537.21 | 475.30 | 1984 | 467.61 | 420.65 | 603.46 | 1984 | 419.19 | 386.30 | 419.99 |
| 434.30 | 548.83 | 492.15 | 1985 | 475.58 | 433.30 | 635.26 | 1985 | 413.25 | 395.14 | 429.17 |
| 443.81 | 559.93 | 494.91 | 1986 | 485.18 | 459.80 | 632.06 | 1986 | 416.83 | 410.70 | 438.96 |
| 449.82 | 602.53 | 500.12 | 1987 | 502.36 | 463.01 | 638.13 | 1987 | 440.34 | 429.00 | 441.34 |
| 470.37 | 626.44 | 513.17 | 1988 | 526.24 | 466.07 | 673.91 | 1988 | 446.04 | 445.22 | 446.95 |
| 478.67 | 619.61 | 508.09 | 1989 | 534.10 | 459.95 | 704.48 | 1989 | 458.39 | 457.81 | 446.05 |
| 490.33 | 644.57 | 519.96 | 1990 | 543.46 | 464.12 | 721.92 | 1990 | 476.99 | 475.60 | 451.36 |
| | | | 1990 | | | | 1990 | | | |
| 473.59 | 605.12 | 489.82 | January | 520.15 | 459.26 | 670.64 | January | 476.57 | 470.00 | 442.21 |
| 476.86 | 601.51 | 505.44 | February | 532.16 | 464.80 | 683.12 | February | 454.40 | 471.22 | 442.90 |
| 484.79 | 618.62 | 512.36 | March | 535.62 | 457.97 | 718.39 | March | 458.27 | 472.42 | 446.13 |
| 494.79 | 636.41 | 493.61 | April | 509.60 | 437.80 | 691.32 | April | 445.61 | 458.25 | 434.42 |
| 495.79 | 657.34 | 531.48 | May | 547.67 | 456.65 | 742.29 | May | 469.83 | 465.71 | 460.82 |
| 498.10 | 672.04 | 533.68 | June | 548.97 | 458.59 | 758.62 | June | 476.40 | 467.68 | 467.99 |
| 493.06 | 644.36 | 506.75 | July | 539.71 | 456.84 | 722.67 | July | 475.57 | 469.66 | 458.55 |
| 495.20 | 649.82 | 524.97 | August | 546.08 | 465.12 | 706.55 | August | 485.78 | 472.03 | 452.19 |
| 501.38 | 684.71 | 543.99 | September | 562.42 | 477.76 | 767.45 | September | 492.59 | 487.62 | 461.58 |
| 492.26 | 666.45 | 539.33 | October | 558.54 | 472.73 | 740.44 | October | 475.45 | 484.41 | 456.20 |
| 486.78 | 660.93 | 530.88 | November | 559.39 | 479.83 | 736.20 | November | 500.98 | 490.84 | 446.08 |
| 486.97 | 643.99 | 522.42 | December | 555.52 | 484.97 | 716.13 | December | 507.91 | 493.68 | 443.21 |
| | | | 1991 | | | | 1991 | | | |
| 485.89 | 652.68 | 521.66 | January | 549.12 | 466.75 | 705.16 | January | 479.33 | 480.32 | 449.90 |

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 4815.2 | 4955.9 | 4738.1 | -140.6 | 77.1 |
| **Goods-Producing Industries** | 1276.1 | 1313.0 | 1273.4 | -36.9 | 2.8 |
| Mining | 16.7 | 17.4 | 17.1 | -.7 | -.3 |
| Coal Mining | 6.7 | 6.8 | 6.9 | -.1 | -.2 |
| Oil and Gas Extraction | 5.8 | 5.9 | 5.9 | -.1 | -.1 |
| Construction | 171.8 | 195.7 | 171.6 | -24.0 | .1 |
| General Building Contractors | 43.5 | 47.2 | 43.8 | -3.7 | -.3 |
| Nonresidential Building Construction | 22.8 | 24.7 | 23.3 | -1.9 | -.5 |
| Heavy Construction, Except Building | 16.3 | 21.7 | 16.1 | -5.4 | .2 |
| Highway and Street Construction | 4.0 | 6.6 | 4.0 | -2.6 | .0 |
| Special Trade Contractors | 111.9 | 126.9 | 111.6 | -15.0 | .3 |
| Manufacturing | 1087.6 | 1099.9 | 1084.7 | -12.3 | 3.0 |
| Durable Goods[f] | 719.4 | 729.8 | 722.2 | -10.4 | -2.8 |
| Lumber and Wood Products | 20.5 | 21.5 | 20.4 | -1.1 | .1 |
| Millwork, Plywood and Structural Members | 9.4 | 9.8 | 9.5 | -.4 | -.1 |
| Furniture and Fixtures | 15.1 | 15.2 | 14.7 | -.1 | .5 |
| Stone, Clay, and Glass Products | 42.7 | 43.8 | 44.9 | -1.1 | -2.2 |
| Primary Metal Industries | 99.2 | 99.7 | 98.1 | -.6 | 1.1 |
| Blast Furnace and Basic Steel Products | 46.8 | 46.9 | 46.0 | -.2 | .8 |
| Iron and Steel Foundries | 19.8 | 19.8 | 18.9 | .0 | .9 |
| Nonferrous Rolling and Drawing | 15.2 | 15.0 | 15.5 | .2 | -.3 |
| Nonferrous Foundries | 10.0 | 10.5 | 10.5 | -.4 | -.5 |
| Fabricated Metal Products | 127.0 | 129.6 | 126.3 | -2.6 | .7 |
| Fabricated Structural Metal Products | 29.0 | 29.6 | 28.6 | -.6 | .4 |
| Metal Forgings and Stampings | 35.9 | 37.3 | 33.8 | -1.4 | 2.2 |
| Industrial Machinery and Equipment | 162.8 | 163.5 | 165.8 | -.7 | -2.9 |
| Construction and Related Machinery | 12.4 | 12.5 | 13.9 | -.1 | -1.5 |
| Metalworking Machinery | 47.9 | 48.3 | 48.1 | -.4 | -.3 |
| Special Industry Machinery | 15.9 | 15.7 | 16.8 | .2 | -.9 |
| General Industrial Machinery | 26.2 | 26.2 | 25.8 | .0 | .4 |
| Computer and Office Equipment | 10.9 | 10.7 | 11.0 | .1 | -.2 |
| Refrigeration and Service Machinery | 15.1 | 15.4 | 16.0 | -.3 | -.9 |
| Electronic and Other Electric Equipment | 76.2 | 77.3 | 79.9 | -1.0 | -3.7 |
| Electrical Industrial Apparatus | 12.3 | 12.3 | 12.5 | .0 | -.2 |
| Household Appliances | 14.2 | 14.7 | 15.8 | -.5 | -1.6 |
| Electric Lighting and Wiring Equipment | 15.7 | 15.9 | 15.9 | -.1 | -.1 |
| Electronic Components and Accessories | 11.4 | 11.4 | 11.9 | .0 | -.4 |
| Transportation Equipment | 135.4 | 137.8 | 130.3 | -2.4 | 5.1 |
| Motor Vehicles and Equipment | 91.4 | 93.3 | 84.1 | -1.9 | 7.3 |
| Aircraft and Parts | 36.5 | 36.9 | 37.7 | -.4 | -1.2 |
| Instruments and Related Products | 25.9 | 26.1 | 26.9 | -.2 | -.9 |
| Measuring and Controlling Devices | 15.1 | 15.1 | 15.9 | .0 | -.8 |
| Nondurable Goods[g] | 368.3 | 370.1 | 362.4 | -1.9 | 5.8 |
| Food and Kindred Products | 62.5 | 62.6 | 61.0 | -.1 | 1.5 |
| Dairy Products | 10.2 | 10.3 | 9.4 | -.1 | .8 |
| Preserved Fruits and Vegetables | 10.9 | 10.6 | 10.8 | .3 | .0 |
| Bakery Products | 9.7 | 9.6 | 9.4 | .1 | .4 |
| Apparel and Other Textile Products | 14.6 | 14.6 | 14.3 | -.1 | .3 |
| Paper and Allied Products | 38.2 | 38.4 | 37.5 | -.2 | .7 |
| Paperboard Containers and Boxes | 13.8 | 13.9 | 13.5 | -.1 | .3 |
| Miscellaneous Converted Paper Products | 12.2 | 12.2 | 12.1 | .0 | .1 |
| Printing and Publishing | 76.0 | 76.4 | 74.1 | -.4 | 2.0 |
| Newspapers | 19.0 | 19.2 | 18.9 | -.2 | .2 |
| Commercial Printing | 28.2 | 28.2 | 27.1 | -.1 | 1.0 |
| Chemicals and Allied Products | 66.6 | 66.7 | 65.3 | -.1 | 1.3 |
| Plastics Materials and Synthetics | 9.7 | 9.7 | 9.6 | .0 | .0 |
| Rubber and Miscellaneous Plastics Products | 92.1 | 92.6 | 92.3 | -.6 | -.2 |
| Tires and Inner Tubes | 14.8 | 14.9 | 14.6 | -.1 | .3 |
| Miscellaneous Plastics Products | 56.4 | 56.7 | 55.6 | -.3 | .8 |
| **Service-Producing Industries** | 3539.1 | 3642.8 | 3464.8 | -103.7 | 74.3 |
| Transportation and Public Utilities | 217.5 | 223.4 | 214.7 | -5.9 | 2.8 |
| Transportation | 125.5 | 131.5 | 122.9 | -6.0 | 2.6 |
| Railroad Transportation | 11.5 | 11.9 | 12.2 | -.4 | -.7 |
| Trucking and Warehousing | 73.9 | 78.9 | 72.6 | -5.0 | 1.3 |
| Transportation by Air | 15.2 | 14.9 | 13.9 | .3 | 1.3 |
| Communications, Electric, Gas Services | 92.0 | 91.9 | 91.9 | .1 | .2 |
| Communications | 48.5 | 48.3 | 48.5 | .2 | .0 |
| Electric, Gas, and Sanitary Services | 43.5 | 43.6 | 43.3 | -.1 | .2 |

See footnotes on page 13.

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio (continued)

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| Wholesale Trade | 262.0 | 265.9 | 257.9 | -3.9 | 4.1 |
| Wholesale Trade-Durable Goods | 163.2 | 165.2 | 161.6 | -1.9 | 1.6 |
| Motor Vehicles, Parts, and Supplies | 21.9 | 22.1 | 21.9 | -.2 | .1 |
| Professional and Commercial Equipment | 32.0 | 32.3 | 32.0 | -.3 | .0 |
| Metals and Minerals, Except Petroleum | 11.1 | 11.2 | 10.8 | -.1 | .2 |
| Electrical Goods | 17.4 | 17.6 | 17.9 | -.2 | -.5 |
| Hardware, Plumbing and Heating Equipment | 12.2 | 12.4 | 12.4 | -.2 | -.2 |
| Machinery, Equipment, and Supplies | 40.6 | 40.8 | 39.6 | -.2 | 1.0 |
| Wholesale Trade-Nondurable Goods | 98.8 | 100.8 | 96.3 | -2.0 | 2.5 |
| Groceries and Related Products | 33.7 | 34.3 | 32.3 | -.6 | 1.4 |
| Retail Trade | 892.6 | 941.7 | 889.0 | -49.1 | 3.6 |
| Building Materials and Garden Supplies | 31.7 | 34.4 | 31.3 | -2.7 | .4 |
| Lumber and Other Building Materials | 16.4 | 17.4 | 15.9 | -1.0 | .4 |
| General Merchandise Stores | 125.9 | 139.2 | 129.1 | -13.3 | -3.2 |
| Department Stores | 105.4 | 115.8 | 107.6 | -10.4 | -2.3 |
| Variety Stores | 9.8 | 11.0 | 10.1 | -1.2 | -.4 |
| Food Stores | 139.1 | 145.0 | 138.1 | -6.0 | .9 |
| Grocery Stores | 123.8 | 127.6 | 122.9 | -3.8 | .9 |
| Automotive Dealers and Service Stations | 96.5 | 97.7 | 97.3 | -1.1 | -.8 |
| New and Used Car Dealers | 40.7 | 41.2 | 41.7 | -.5 | -1.0 |
| Gasoline Service Stations | 35.3 | 35.7 | 35.1 | -.4 | .1 |
| Apparel and Accessory Stores | 49.8 | 54.3 | 50.7 | -4.6 | -1.0 |
| Furniture and Homefurnishings Stores | 31.5 | 32.8 | 31.2 | -1.4 | .3 |
| Eating and Drinking Places | 300.0 | 312.6 | 296.2 | -12.5 | 3.9 |
| Miscellaneous Retail | 118.1 | 125.7 | 115.1 | -7.6 | 3.0 |
| Drug Stores and Proprietary Stores | 31.4 | 31.8 | 30.8 | -.4 | .6 |
| Nonstore Retailers | 23.1 | 24.2 | 21.9 | -1.2 | 1.2 |
| Finance, Insurance, and Real Estate | 253.3 | 255.8 | 250.7 | -2.5 | 2.6 |
| Finance | 120.6 | 121.3 | 120.3 | -.7 | .3 |
| Depository Institutions | 89.2 | 89.9 | 89.6 | -.8 | -.5 |
| Commercial Banks | 63.9 | 64.3 | 63.1 | -.4 | .8 |
| Insurance | 90.3 | 91.0 | 89.4 | -.7 | .9 |
| Insurance Carriers | 68.7 | 69.1 | 68.2 | -.4 | .5 |
| Life Insurance | 25.3 | 25.6 | 25.0 | -.3 | .3 |
| Fire, Marine, and Casualty Insurance | 30.6 | 30.8 | 30.2 | -.2 | .4 |
| Real Estate | 42.4 | 43.5 | 40.9 | -1.1 | 1.5 |
| Services | 1184.1 | 1212.6 | 1136.6 | -28.4 | 47.5 |
| Hotels and Other Lodging Places | 38.0 | 39.5 | 37.6 | -1.5 | .3 |
| Personal Services | 56.2 | 55.0 | 55.1 | 1.2 | 1.1 |
| Business Services | 216.9 | 225.5 | 201.5 | -8.6 | 15.4 |
| Services to Buildings | 33.2 | 33.7 | 32.6 | -.5 | .6 |
| Personnel Supply Services | 71.7 | 79.2 | 65.6 | -7.5 | 6.1 |
| Computer and Data Processing Services | 29.0 | 28.9 | 26.1 | .1 | 2.9 |
| Amusements, Including Motion Pictures | 48.1 | 53.9 | 46.3 | -5.9 | 1.7 |
| Health Services | 401.8 | 404.6 | 388.5 | -2.8 | 13.3 |
| Nursing and Personal Care Facilities | 86.3 | 87.0 | 83.8 | -.7 | 2.5 |
| Hospitals | 193.0 | 193.0 | 188.5 | .0 | 4.4 |
| Legal Services | 29.3 | 29.7 | 28.2 | -.4 | 1.1 |
| Educational Services | 65.0 | 67.5 | 64.5 | -2.5 | .6 |
| Colleges and Universities | 36.7 | 38.8 | 36.5 | -2.1 | .1 |
| Social Services | 81.6 | 82.5 | 77.2 | -.8 | 4.4 |
| Residential Care | 23.9 | 24.0 | 22.5 | -.1 | 1.4 |
| Membership Organizations | 77.2 | 78.8 | 76.5 | -1.6 | .8 |
| Engineering and Management Services | 92.0 | 92.7 | 87.9 | -.7 | 4.1 |
| Engineering and Architectural Services | 28.8 | 29.0 | 27.3 | -.2 | 1.5 |
| Accounting, Auditing, and Bookkeeping | 22.0 | 21.6 | 21.4 | .4 | .6 |
| Research and Testing Services | 19.0 | 19.3 | 18.5 | -.3 | .5 |
| Management and Public Relations | 22.1 | 22.8 | 20.7 | -.7 | 1.4 |
| Government | 729.6 | 743.4 | 715.8 | -13.9 | 13.7 |
| Federal Government | 94.2 | 95.1 | 96.9 | -.8 | -2.7 |
| U.S. Postal Service | 33.2 | 33.8 | 34.2 | -.7 | -1.0 |
| State Government | 163.3 | 171.6 | 158.5 | -8.3 | 4.8 |
| State Government Hospitals | 15.7 | 15.5 | 16.0 | .2 | -.3 |
| State Government Education[h] | 85.8 | 94.7 | 82.7 | -8.9 | 3.0 |
| Local Government | 472.1 | 476.8 | 460.4 | -4.7 | 11.6 |
| Local Government Hospitals | 14.4 | 14.4 | 14.1 | .0 | .4 |
| Local Government Education | 278.3 | 282.9 | 271.5 | -4.6 | 6.8 |

See footnotes on page 13.

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| **Goods-Producing Industries** | $551.95 | $559.37 | $527.07 | 41.5 | 41.9 | 41.6 | $13.30 | $13.35 | $12.67 |
| Mining | 614.22 | 593.96 | 643.49 | 43.5 | 42.7 | 45.8 | 14.12 | 13.91 | 14.05 |
| Coal Mining | 756.20 | 725.48 | 792.14 | 44.3 | 42.6 | 46.9 | 17.07 | 17.03 | 16.89 |
| Construction | 624.62 | 643.59 | 606.84 | 38.7 | 39.9 | 38.9 | 16.14 | 16.13 | 15.60 |
| General Building Contractors | 554.36 | 571.26 | 554.61 | 39.4 | 40.4 | 39.9 | 14.07 | 14.14 | 13.90 |
| Heavy Construction, Except Building | 652.61 | 673.63 | 578.73 | 39.6 | 41.0 | 38.2 | 16.48 | 16.43 | 15.15 |
| Special Trade Contractors | 641.14 | 660.13 | 628.49 | 38.3 | 39.6 | 38.7 | 16.74 | 16.67 | 16.24 |
| Manufacturing | 538.00 | 543.13 | 511.98 | 41.8 | 42.3 | 42.0 | 12.84 | 12.84 | 12.19 |
| Durable Goods[f] | 556.50 | 562.22 | 524.15 | 42.0 | 42.4 | 42.1 | 13.25 | 13.26 | 12.45 |
| Lumber and Wood Products | 303.75 | 320.30 | 322.62 | 37.5 | 39.3 | 39.2 | 8.10 | 8.15 | 8.23 |
| Millwork, Plywood and Structural Members | 338.69 | 380.88 | 353.50 | 38.4 | 42.7 | 41.2 | 8.82 | 8.92 | 8.58 |
| Furniture and Fixtures | 396.89 | 418.18 | 378.22 | 41.3 | 43.2 | 40.8 | 9.61 | 9.68 | 9.27 |
| Stone, Clay, and Glass Products | 485.89 | 486.97 | 473.59 | 41.6 | 41.8 | 41.8 | 11.68 | 11.65 | 11.33 |
| Primary Metal Industries | 652.68 | 643.99 | 605.12 | 44.4 | 44.2 | 43.1 | 14.70 | 14.57 | 14.04 |
| Blast Furnace and Basic Steel Products | 694.59 | 690.84 | 621.79 | 46.9 | 46.9 | 43.3 | 14.81 | 14.73 | 14.36 |
| Iron and Steel Foundries | 669.80 | 632.18 | 635.25 | 42.5 | 41.4 | 43.6 | 15.76 | 15.27 | 14.57 |
| Nonferrous Rolling and Drawing | 642.77 | 657.55 | 634.44 | 39.8 | 39.9 | 40.8 | 16.15 | 16.48 | 15.55 |
| Nonferrous Foundries | 457.29 | 464.38 | 457.10 | 43.1 | 43.4 | 43.7 | 10.61 | 10.70 | 10.46 |
| Fabricated Metal Products | 521.66 | 522.42 | 489.82 | 41.5 | 41.2 | 41.3 | 12.57 | 12.68 | 11.86 |
| Fabricated Structural Metal Products | 467.31 | 464.26 | 456.77 | 42.1 | 41.6 | 41.6 | 11.10 | 11.16 | 10.98 |
| Metal Forgings and Stampings | 634.85 | 654.12 | 583.42 | 40.8 | 41.4 | 40.6 | 15.56 | 15.80 | 14.37 |
| Industrial Machinery and Equipment | 549.12 | 555.52 | 520.15 | 42.7 | 43.4 | 42.6 | 12.86 | 12.80 | 12.21 |
| Construction and Related Machinery | 464.80 | 457.07 | 465.50 | 40.0 | 40.2 | 41.6 | 11.62 | 11.37 | 11.19 |
| Metalworking Machinery | 519.23 | 531.14 | 517.97 | 42.7 | 43.5 | 43.6 | 12.16 | 12.21 | 11.88 |
| Special Industry Machinery | 533.46 | 540.68 | 522.85 | 43.3 | 44.5 | 43.9 | 12.32 | 12.15 | 11.91 |
| General Industrial Machinery | 634.21 | 625.46 | 524.39 | 44.6 | 44.9 | 41.0 | 14.22 | 13.93 | 12.79 |
| Computer and Office Equipment | 486.80 | 493.58 | 459.67 | 41.5 | 41.9 | 41.3 | 11.73 | 11.78 | 11.13 |
| Refrigeration and Service Machinery | 598.13 | 603.68 | 539.39 | 40.8 | 40.9 | 39.2 | 14.66 | 14.76 | 13.76 |
| Electronic and Other Electric Equipment | 466.75 | 484.97 | 459.26 | 40.8 | 41.7 | 41.6 | 11.44 | 11.63 | 11.04 |
| Electrical Industrial Apparatus | 454.02 | 461.98 | 454.03 | 42.0 | 42.5 | 43.2 | 10.81 | 10.87 | 10.51 |
| Household Appliances | 477.85 | 485.13 | 496.51 | 39.2 | 39.7 | 41.0 | 12.19 | 12.22 | 12.11 |
| Electric Lighting and Wiring Equipment | 473.41 | 475.02 | 457.56 | 38.9 | 39.0 | 40.6 | 12.17 | 12.18 | 11.27 |
| Electronic Components and Accessories | 352.35 | 353.17 | 339.08 | 41.6 | 41.5 | 41.1 | 8.47 | 8.51 | 8.25 |
| Transportation Equipment | 705.16 | 716.13 | 670.64 | 42.2 | 42.5 | 43.1 | 16.71 | 16.85 | 15.56 |
| Motor Vehicles and Equipment | 720.63 | 725.71 | 690.46 | 41.8 | 41.9 | 43.1 | 17.24 | 17.32 | 16.02 |
| Aircraft and Parts | 671.00 | 720.43 | 649.88 | 44.0 | 45.8 | 44.0 | 15.25 | 15.73 | 14.77 |
| Instruments and Related Products | 410.86 | 414.06 | 384.16 | 40.8 | 41.2 | 40.1 | 10.07 | 10.05 | 9.58 |
| Measuring and Controlling Devices | 400.75 | 406.63 | 378.18 | 39.6 | 40.3 | 39.6 | 10.12 | 10.09 | 9.55 |
| Nondurable Goods[g] | 498.73 | 501.06 | 485.72 | 41.7 | 42.0 | 41.8 | 11.96 | 11.93 | 11.62 |
| Food and Kindred Products | 479.33 | 507.91 | 476.57 | 41.5 | 43.3 | 42.1 | 11.55 | 11.73 | 11.32 |
| Dairy Products | 509.82 | 497.08 | 494.68 | 43.5 | 43.0 | 43.7 | 11.72 | 11.56 | 11.32 |
| Preserved Fruits and Vegetables | 540.76 | 579.35 | 512.25 | 43.4 | 44.6 | 42.3 | 12.46 | 12.99 | 12.11 |
| Bakery Products | 477.39 | 517.42 | 484.51 | 38.1 | 41.0 | 39.2 | 12.53 | 12.62 | 12.36 |
| Apparel and Other Textile Products | 311.65 | 311.24 | 302.10 | 39.3 | 39.1 | 38.0 | 7.93 | 7.96 | 7.95 |
| Paper and Allied Products | 538.01 | 530.96 | 514.77 | 44.5 | 44.1 | 44.3 | 12.09 | 12.04 | 11.62 |
| Paperboard Containers and Boxes | 473.30 | 453.88 | 449.71 | 44.4 | 42.9 | 43.2 | 10.66 | 10.58 | 10.41 |
| Miscellaneous Converted Paper Products | 487.19 | 501.86 | 469.31 | 43.0 | 44.1 | 44.4 | 11.33 | 11.38 | 10.57 |
| Printing and Publishing | 480.32 | 493.68 | 470.00 | 39.5 | 40.8 | 40.0 | 12.16 | 12.10 | 11.75 |
| Newspapers | 376.03 | 387.11 | 388.56 | 32.5 | 33.4 | 33.7 | 11.57 | 11.59 | 11.53 |
| Commercial Printing | 491.47 | 510.62 | 473.93 | 41.3 | 43.2 | 41.5 | 11.90 | 11.82 | 11.42 |
| Chemicals and Allied Products | 621.49 | 614.61 | 602.43 | 43.4 | 43.1 | 43.0 | 14.32 | 14.26 | 14.01 |
| Plastics Materials and Synthetics | 696.65 | 682.34 | 672.31 | 44.6 | 43.6 | 43.6 | 15.62 | 15.65 | 15.42 |
| Rubber and Miscellaneous Plastics Products | 449.90 | 443.21 | 442.21 | 41.2 | 41.0 | 41.6 | 10.92 | 10.81 | 10.63 |
| Tires and Inner Tubes | 716.01 | 700.81 | 709.20 | 43.9 | 43.1 | 45.0 | 16.31 | 16.26 | 15.76 |
| Miscellaneous Plastics Products | 434.02 | 423.69 | 421.07 | 41.1 | 40.7 | 41.0 | 10.56 | 10.41 | 10.27 |
| **Service-Producing Industries** | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 644.90 | 643.81 | 615.08 | 42.4 | 42.3 | 42.1 | 15.21 | 15.22 | 14.61 |
| Communications | 620.12 | 622.44 | 561.39 | 41.9 | 42.0 | 39.9 | 14.80 | 14.82 | 14.07 |
| Electric, Gas, and Sanitary Services | 673.53 | 669.96 | 678.10 | 42.9 | 42.7 | 44.7 | 15.70 | 15.69 | 15.17 |
| Wholesale Trade | 423.45 | 424.54 | 410.16 | 39.1 | 39.2 | 39.1 | 10.83 | 10.83 | 10.49 |
| Wholesale Trade-Durable Goods | 420.22 | 418.37 | 403.90 | 39.2 | 39.1 | 39.1 | 10.72 | 10.70 | 10.33 |
| Motor Vehicles, Parts, and Supplies | 347.40 | 358.66 | 358.12 | 38.6 | 38.9 | 38.8 | 9.00 | 9.22 | 9.23 |
| Metals and Minerals, Except Petroleum | 475.18 | 463.81 | 474.43 | 41.5 | 40.9 | 41.8 | 11.45 | 11.34 | 11.35 |
| Wholesale Trade-Nondurable Goods | 428.29 | 435.37 | 421.11 | 38.9 | 39.4 | 39.1 | 11.01 | 11.05 | 10.77 |

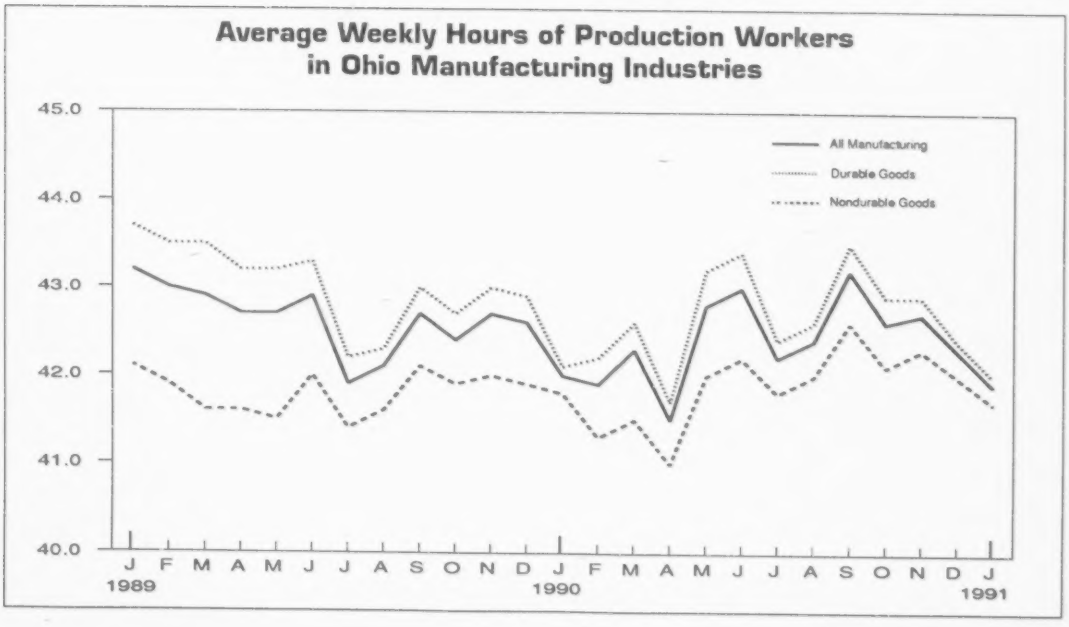
See footnotes on page 13.

## Hours and Earnings of Production or Nonsupervisory Workers[a]

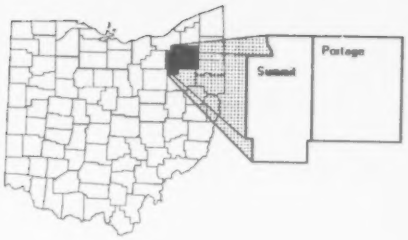
Not Seasonally Adjusted

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Retail Trade[j] | $175.88 | $185.54 | $173.88 | 27.1 | 28.5 | 27.6 | $ 6.49 | $ 6.51 | $ 6.30 |
| General Merchandise Stores | 192.77 | 215.28 | 188.09 | 28.1 | 31.2 | 28.2 | 6.86 | 6.90 | 6.67 |
| Department Stores | 195.71 | 221.20 | 191.76 | 28.2 | 31.6 | 28.2 | 6.94 | 7.00 | 6.80 |
| Finance, Insurance, and Real Estate | 357.99 | 356.38 | 347.53 | .... | .... | .... | ..... | ..... | ..... |
| Finance | 330.45 | 329.67 | 323.09 | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 278.81 | 278.05 | 278.28 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 274.04 | 272.10 | 277.10 | .... | .... | .... | ..... | ..... | ..... |
| Insurance | 427.98 | 424.77 | 410.14 | .... | .... | .... | ..... | ..... | ..... |
| Insurance Carriers | 417.05 | 412.78 | 400.39 | .... | .... | .... | ..... | ..... | ..... |
| Life Insurance | 384.21 | 382.44 | 369.57 | .... | .... | .... | ..... | ..... | ..... |
| Fire, Marine, and Casualty Insurance | 450.99 | 449.05 | 429.15 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Business Services | 260.17 | 262.74 | 232.16 | 33.1 | 33.3 | 32.2 | 7.86 | 7.89 | 7.21 |
| Health Services | 322.71 | 321.50 | 312.59 | 31.7 | 31.8 | 31.8 | 10.18 | 10.11 | 9.83 |
| Nursing and Personal Care Facilities | 224.06 | 222.22 | 206.37 | 32.1 | 32.3 | 31.7 | 6.98 | 6.88 | 6.51 |
| Hospitals | 376.81 | 375.05 | 370.49 | 32.4 | 32.5 | 32.7 | 11.63 | 11.54 | 11.33 |
| Engineering and Management Services | 504.42 | 495.83 | 477.90 | 35.8 | 35.8 | 35.4 | 14.09 | 13.85 | 13.50 |
| Engineering and Architectural Services | 715.80 | 701.63 | 665.69 | 34.9 | 34.7 | 32.6 | 20.51 | 20.22 | 20.42 |
| Research and Testing Services | 398.45 | 396.03 | 380.10 | 35.8 | 36.2 | 36.2 | 11.13 | 10.94 | 10.50 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.



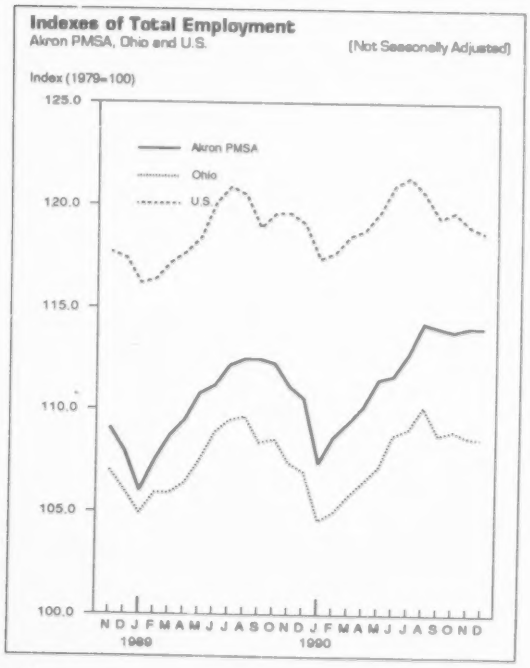
# Akron Primary Metropolitan Statistical Area

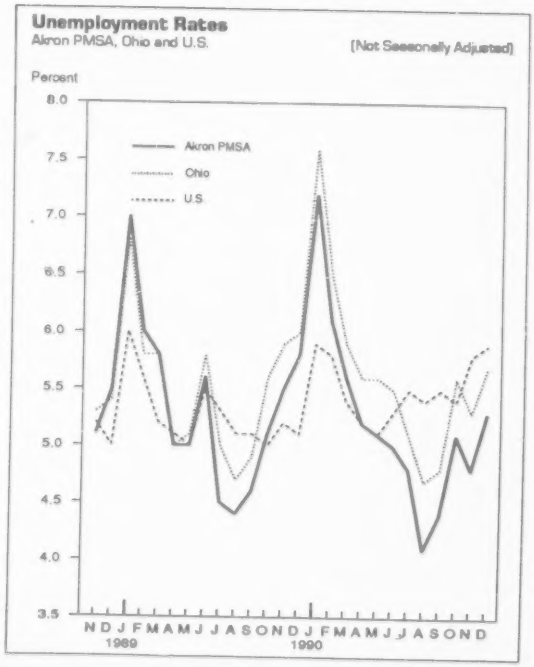



Total nonfarm payroll employment in the Akron metropolitan area dropped 12,600 below the December 1990 level to 279,400 in January 1991. Temporary layoffs of nonteaching personnel in state schools and colleges and seasonal declines in retail trade and services lowered employment in service-producing industries 10,500. The number of jobs in goods-producing industries fell 2,100 over the month to 76,800 due to continued cutbacks in construction employment and scattered decreases in manufacturing, especially fabricated metal products. Factory production workers averaged $11.87 per hour, down 15 cents from December. Their average workweek was 0.7 hours shorter at 42.2 hours.

Nonagricultural wage and salary employment advanced 5,300 between January 1990 and January 1991. Expansion in services raised employment in service-producing industries 3,500. Employment in goods-producing industries rose 1,800 above the year-ago level as scattered gains in manufacturing more than offset nominal declines in construction. Leading growth sectors were fabricated metal products, rubber and miscellaneous plastics products, and food and kindred products. Employment in industrial machinery and equipment and transportation equipment decreased slightly during the period.

Seasonally adjusted employment in the Akron area totaled 287,000 in January 1991, down 2,000 from December 1990 due to declines in retail trade and government. Since January 1990, nonfarm payroll employment advanced 5,000. Over-the-year growth was posted in services, manufacturing, and government.



## Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 304.5 | 278.3 | 26.2 | 8.6 | 1980 | 262.4 | 79.1 | 47.5 | $361.88 | 41.5 | $ 8.72 |
| 304.1 | 274.9 | 29.1 | 9.6 | 1981 | 259.5 | 75.7 | 43.7 | 397.10 | 41.8 | 9.50 |
| 303.9 | 268.0 | 35.9 | 11.8 | 1982 | 248.8 | 68.3 | 36.9 | 403.03 | 41.0 | 9.83 |
| 302.5 | 265.2 | 37.3 | 12.3 | 1983 | 244.7 | 65.2 | 33.4 | 452.12 | 43.1 | 10.49 |
| 316.5 | 285.8 | 30.6 | 9.7 | 1984 | 252.2 | 67.9 | 38.0 | 470.65 | 43.7 | 10.77 |
| 317.8 | 289.9 | 28.0 | 8.8 | 1985 | 257.6 | 68.1 | 37.3 | 475.20 | 43.2 | 11.00 |
| 320.4 | 294.8 | 25.6 | 8.0 | 1986 | 260.7 | 67.2 | 36.4 | 484.70 | 43.2 | 11.22 |
| 320.3 | 297.5 | 22.7 | 7.1 | 1987 | 265.1 | 66.4 | 36.5 | 487.03 | 43.1 | 11.30 |
| 324.9 | 305.2 | 19.7 | 6.1 | 1988 | 272.7 | 66.2 | 37.7 | 502.28 | 43.3 | 11.60 |
| 333.0 | 315.1 | 17.8 | 5.4 | 1989 | 281.0 | 67.3 | 39.3 | 495.75 | 42.7 | 11.61 |
| 336.7 | 319.2 | 17.5 | 5.2 | 1990 | 285.9 | 67.0 | 38.2 | 510.60 | 42.8 | 11.93 |
| | | | | 1990 | | | | | | |
| 330.0 | 306.4 | 23.6 | 7.2 | January | 274.1 | 65.4 | 37.1 | 497.64 | 42.9 | 11.60 |
| 330.3 | 310.1 | 20.2 | 6.1 | February | 278.8 | 65.7 | 37.5 | 496.40 | 42.5 | 11.68 |
| 330.6 | 312.2 | 18.4 | 5.6 | March | 282.0 | 66.3 | 37.9 | 500.02 | 42.7 | 11.71 |
| 331.9 | 314.5 | 17.4 | 5.2 | April | 284.5 | 66.3 | 37.9 | 479.49 | 41.3 | 11.61 |
| 335.2 | 318.2 | 17.0 | 5.1 | May | 289.0 | 66.9 | 38.2 | 516.00 | 43.0 | 12.00 |
| 335.3 | 318.7 | 16.6 | 5.0 | June | 285.3 | 67.1 | 38.3 | 524.36 | 43.3 | 12.11 |
| 338.0 | 321.8 | 16.2 | 4.8 | July | 284.1 | 66.8 | 37.9 | 509.92 | 42.6 | 11.97 |
| 340.4 | 326.3 | 14.1 | 4.1 | August | 285.2 | 67.0 | 38.1 | 529.40 | 43.5 | 12.17 |
| 340.4 | 325.5 | 14.9 | 4.4 | September | 292.1 | 67.7 | 38.7 | 529.91 | 43.4 | 12.21 |
| 342.5 | 325.1 | 17.3 | 5.1 | October | 291.7 | 68.3 | 39.3 | 519.16 | 42.8 | 12.13 |
| 342.0 | 325.5 | 16.4 | 4.8 | November | 292.3 | 68.0 | 39.1 | 515.81 | 43.2 | 11.94 |
| 343.9 | 325.6 | 18.3 | 5.3 | December | 292.0 | 68.0 | 39.1 | 515.66 | 42.9 | 12.02 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 279.4 | 67.4 | 38.6 | 500.91 | 42.2 | 11.87 |

INA – Information not available

## Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 262 | 88 | 8 | 79 | 1980 | 175 | 14 | 12 | 45 | 9 | 50 | 44 |
| 260 | 84 | 8 | 76 | 1981 | 175 | 14 | 13 | 45 | 9 | 52 | 42 |
| 249 | 76 | 7 | 68 | 1982 | 173 | 13 | 12 | 45 | 9 | 52 | 41 |
| 245 | 73 | 7 | 65 | 1983 | 172 | 13 | 12 | 45 | 9 | 52 | 41 |
| 252 | 76 | 8 | 68 | 1984 | 176 | 13 | 13 | 47 | 9 | 53 | 41 |
| 258 | 77 | 8 | 68 | 1985 | 180 | 13 | 13 | 49 | 10 | 54 | 42 |
| 261 | 76 | 9 | 67 | 1986 | 184 | 13 | 14 | 50 | 10 | 56 | 42 |
| 265 | 76 | 9 | 66 | 1987 | 189 | 13 | 14 | 52 | 11 | 58 | 42 |
| 273 | 76 | 10 | 66 | 1988 | 196 | 13 | 15 | 53 | 11 | 62 | 43 |
| 281 | 78 | 10 | 67 | 1989 | 203 | 13 | 15 | 55 | 10 | 66 | 44 |
| 286 | 78 | 11 | 67 | 1990 | 208 | 14 | 15 | 54 | 11 | 69 | 45 |
| | | | | 1990 | | | | | | | |
| 282 | 77 | 11 | 66 | January | 204 | 14 | 15 | 54 | 11 | 68 | 43 |
| 284 | 78 | 11 | 66 | February | 206 | 14 | 15 | 54 | 11 | 68 | 45 |
| 285 | 78 | 11 | 67 | March | 207 | 14 | 15 | 54 | 11 | 68 | 45 |
| 284 | 78 | 11 | 66 | April | 207 | 14 | 15 | 54 | 11 | 69 | 45 |
| 286 | 78 | 11 | 67 | May | 208 | 14 | 15 | 54 | 11 | 69 | 45 |
| 286 | 78 | 10 | 67 | June | 208 | 14 | 15 | 54 | 11 | 69 | 45 |
| 285 | 77 | 10 | 66 | July | 208 | 14 | 15 | 54 | 11 | 69 | 45 |
| 287 | 78 | 10 | 67 | August | 209 | 14 | 15 | 54 | 11 | 70 | 46 |
| 287 | 79 | 10 | 67 | September | 208 | 14 | 15 | 54 | 11 | 69 | 45 |
| 287 | 79 | 10 | 68 | October | 209 | 14 | 15 | 54 | 11 | 70 | 45 |
| 288 | 79 | 10 | 68 | November | 210 | 14 | 15 | 55 | 11 | 71 | 45 |
| 289 | 79 | 10 | 68 | December | 210 | 14 | 15 | 55 | 11 | 71 | 45 |
| | | | | 1991 | | | | | | | |
| 287 | 79 | 11 | 68 | January | 208 | 14 | 15 | 54 | 11 | 71 | 44 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 279.4 | 292.0 | 274.1 | -12.6 | 5.3 |
| **Goods-Producing Industries**[e] | 76.8 | 78.9 | 74.9 | -2.1 | 1.8 |
| Construction | 8.8 | 10.3 | 9.0 | -1.5 | -.2 |
| Manufacturing | 67.4 | 68.0 | 65.4 | -.6 | 2.0 |
| Durable Goods[f] | 34.9 | 35.5 | 33.7 | -.6 | 1.2 |
| Fabricated Metal Products | 10.6 | 11.1 | 10.0 | -.5 | .7 |
| Fabricated Structural Metal Products | 4.7 | 4.9 | 4.6 | -.2 | .2 |
| Industrial Machinery and Equipment | 10.0 | 10.1 | 10.2 | -.1 | -.2 |
| Metalworking Machinery | 4.3 | 4.3 | 3.9 | .0 | .4 |
| Electronic and Other Electric Equipment | 2.5 | 2.4 | 2.5 | .0 | .0 |
| Transportation Equipment | 4.8 | 4.8 | 5.0 | .0 | -.1 |
| Nondurable Goods[g] | 32.5 | 32.5 | 31.7 | .0 | .8 |
| Food and Kindred Products | 3.2 | 3.2 | 3.0 | .0 | .2 |
| Chemicals and Allied Products | 3.6 | 3.5 | 3.6 | .0 | .0 |
| Rubber and Miscellaneous Plastics Products | 19.4 | 19.4 | 19.1 | -.1 | .3 |
| Tires and Inner Tubes | 10.4 | 10.5 | 10.3 | .0 | .2 |
| **Service-Producing Industries** | 202.6 | 213.1 | 199.1 | -10.5 | 3.5 |
| Transportation and Public Utilities | 13.5 | 13.9 | 13.5 | -.3 | .0 |
| Communications, Electric, Gas Services | 5.5 | 5.5 | 5.4 | .0 | .1 |
| Wholesale Trade | 14.7 | 14.9 | 14.8 | -.2 | -.1 |
| Retail Trade | 53.1 | 56.3 | 53.1 | -3.2 | .0 |
| General Merchandise Stores | 6.0 | 6.9 | 6.8 | -.8 | -.8 |
| Food Stores | 9.0 | 9.5 | 8.6 | -.5 | .4 |
| Finance, Insurance, and Real Estate | 10.6 | 10.7 | 10.7 | -.1 | -.1 |
| Finance | 5.3 | 5.3 | 5.4 | .0 | -.1 |
| Services | 68.5 | 70.1 | 65.4 | -1.6 | 3.1 |
| Business Services | 11.8 | 11.8 | 11.1 | .0 | .7 |
| Personnel Supply Services | 3.2 | 3.2 | 2.9 | .0 | .3 |
| Amusements, Including Motion Pictures | 4.7 | 5.2 | 4.2 | -.4 | .5 |
| Health Services | 22.8 | 23.0 | 22.0 | -.3 | .7 |
| Nursing and Personal Care Facilities | 3.7 | 3.8 | 3.7 | .0 | .0 |
| Hospitals | 11.5 | 11.5 | 11.2 | .0 | .4 |
| Social Services | 5.4 | 5.4 | 5.0 | -.1 | .3 |
| Engineering and Management Services | 5.0 | 5.3 | 4.7 | -.3 | .3 |
| Government | 42.2 | 47.3 | 41.7 | -5.1 | .6 |
| Federal Government | 2.5 | 2.6 | 2.4 | -.1 | .2 |
| State Government | 13.3 | 17.8 | 13.0 | -4.5 | .3 |
| State Government Education[h] | 10.4 | 14.9 | 10.1 | -4.5 | .3 |
| Local Government | 26.4 | 26.9 | 26.3 | -.5 | .1 |
| Local Government Education | 14.6 | 15.1 | 14.6 | -.5 | .0 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

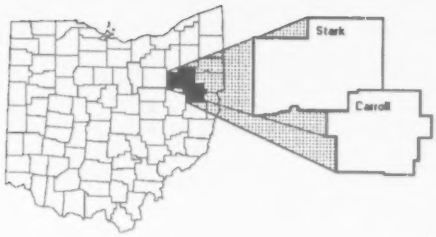
Not Seasonally Adjusted

Akron PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $500.91 | $515.66 | $497.64 | 42.2 | 42.9 | 42.9 | $11.87 | $12.02 | $11.60 |
| Durable Goods[f] | 502.86 | 524.80 | 498.50 | 42.4 | 43.3 | 42.9 | 11.86 | 12.12 | 11.62 |
| Fabricated Metal Products | 578.95 | 613.37 | 570.34 | 40.8 | 41.5 | 41.6 | 14.19 | 14.78 | 13.71 |
| Fabricated Structural Metal Products | 512.43 | 509.07 | 506.48 | 43.5 | 42.6 | 43.4 | 11.78 | 11.95 | 11.67 |
| Industrial Machinery and Equipment | 485.70 | 520.67 | 488.51 | 43.6 | 46.2 | 44.9 | 11.14 | 11.27 | 10.88 |
| Metalworking Machinery | 557.90 | 578.12 | 508.72 | 47.4 | 48.5 | 45.3 | 11.77 | 11.92 | 11.23 |
| Electronic and Other Electric Equipment | 434.25 | 431.73 | 393.09 | 41.2 | 41.0 | 40.4 | 10.54 | 10.53 | 9.73 |
| Transportation Equipment | 633.82 | 638.15 | 633.64 | 43.0 | 43.5 | 43.4 | 14.74 | 14.67[d] | 14.60 |
| Nondurable Goods[g] | 497.77 | 502.52 | 496.35 | 41.9 | 42.3 | 42.9 | 11.88 | 11.88 | 11.57 |
| Food and Kindred Products | 379.94 | 393.57 | 372.23 | 38.3 | 39.2 | 39.1 | 9.92 | 10.04 | 9.52 |
| Chemicals and Allied Products | 609.30 | 567.24 | 523.93 | 45.1 | 43.6 | 43.3 | 13.51 | 13.01 | 12.10 |
| Rubber and Miscellaneous Plastics Products | 492.58 | 505.01 | 510.34 | 42.5 | 43.2 | 44.3 | 11.59 | 11.69 | 11.52 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 617.61 | 622.23 | 591.95 | 42.1 | 42.3 | 40.6 | 14.67 | 14.71 | 14.58 |
| Wholesale Trade | 374.71 | 369.94 | 358.06 | 37.1 | 36.7 | 36.8 | 10.10 | 10.08 | 9.73 |
| Retail Trade[i] | 212.47 | 223.72 | 209.68 | 29.8 | 30.9 | 30.7 | 7.13 | 7.24 | 6.83 |
| General Merchandise Stores | 183.40 | 199.43 | 199.47 | 28.0 | 29.9 | 30.5 | 6.55 | 6.67 | 6.54 |
| Food Stores | 317.36 | 329.15 | 309.52 | 35.9 | 36.9 | 35.7 | 8.84 | 8.92 | 8.67 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 293.00 | 279.92 | 285.47 | .... | .... | .... | ..... | ..... | ..... |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

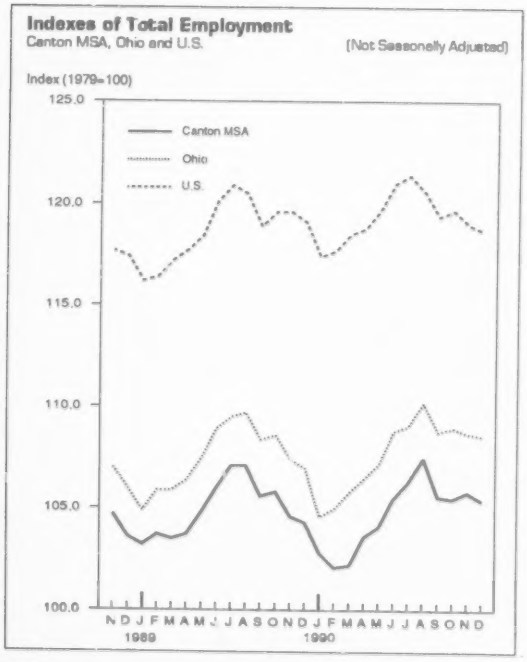
# Canton Metropolitan Statistical Area

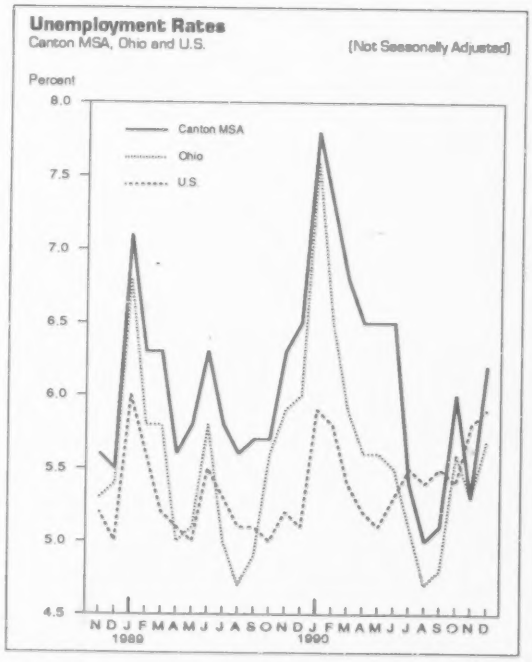



In the Canton metropolitan area, total nonfarm payroll employment dropped 4,100 below the December 1990 level to 163,500 in January 1991. Employment in service-producing industries declined 2,900 mainly due to seasonal terminations in retail trade and services. Less business in construction and scattered cutbacks among manufacturers of durable goods, especially primary metal industries, lowered employment in goods-producing industries 1,200 over the month to 51,200. Manufacturing production workers averaged $11.33 per hour, down fractionally from December. Their average workweek was unchanged from last month at 41.7 hours.

Nonagricultural wage and salary employment advanced 1,500 between January 1990 and January 1991. Expansion in service-producing industries created 2,300 jobs. A major portion of the gain occurred in services. The number of employees in goods-producing industries declined 900 from the year-ago level due to manufacturing production cutbacks. Reductions in fabricated metal products, electronic and other electric equipment, and rubber and miscellaneous plastics products negated growth in primary metal industries.

Seasonally adjusted employment in the Canton area increased 1,000 from December 1990 to 167,000 in January 1991. Nominal gains in construction and government outweighed a decrease in services. Since January 1990, total nonfarm payroll employment advanced 2,000 as growth in services and government more than offset a decline in manufacturing.



## Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 187.7 | 170.9 | 16.8 | 8.9 | 1980 | 157.1 | 55.7 | 40.1 | $342.81 | 39.0 | $ 8.79 |
| 188.4 | 170.1 | 18.2 | 9.7 | 1981 | 156.6 | 54.8 | 39.6 | 390.40 | 40.0 | 9.76 |
| 191.4 | 164.3 | 27.0 | 14.1 | 1982 | 148.6 | 47.6 | 33.3 | 394.49 | 38.6 | 10.22 |
| 187.0 | 159.5 | 27.5 | 14.7 | 1983 | 143.4 | 43.5 | 30.6 | 422.14 | 39.6 | 10.66 |
| 188.1 | 168.1 | 19.9 | 10.6 | 1984 | 149.1 | 46.4 | 33.6 | 437.53 | 40.4 | 10.83 |
| 189.5 | 169.5 | 20.0 | 10.6 | 1985 | 151.5 | 46.2 | 33.8 | 435.81 | 39.8 | 10.95 |
| 190.5 | 171.2 | 19.4 | 10.2 | 1986 | 151.9 | 43.7 | 31.0 | 451.76 | 40.3 | 11.21 |
| 190.4 | 174.7 | 15.7 | 8.2 | 1987 | 156.4 | 44.0 | 31.2 | 475.15 | 41.9 | 11.34 |
| 190.5 | 178.0 | 12.6 | 6.6 | 1988 | 160.1 | 45.3 | 32.4 | 462.21* | 42.6* | 10.85* |
| 194.1 | 182.3 | 11.8 | 6.1 | 1989 | 164.5 | 45.7 | 32.6 | 466.91 | 41.8 | 11.17 |
| 193.9 | 181.9 | 12.0 | 6.2 | 1990 | 166.0 | 44.8 | 31.3 | 481.37 | 42.3 | 11.38 |
| | | | | 1990 | | | | | | |
| 193.6 | 178.5 | 15.1 | 7.8 | January | 162.0 | 44.9 | 31.3 | 475.45 | 42.3 | 11.24 |
| 191.3 | 177.3 | 14.0 | 7.3 | February | 161.4 | 44.7 | 31.3 | 473.91 | 42.2 | 11.23 |
| 190.3 | 177.5 | 12.9 | 6.8 | March | 163.0 | 44.8 | 31.2 | 472.36 | 42.1 | 11.22 |
| 192.6 | 180.0 | 12.6 | 6.5 | April | 164.2 | 43.8 | 30.1 | 474.31 | 41.9 | 11.32 |
| 193.4 | 180.8 | 12.6 | 6.5 | May | 167.1 | 44.7 | 31.0 | 479.94 | 42.1 | 11.40 |
| 196.1 | 183.3 | 12.8 | 6.5 | June | 168.2 | 45.1 | 31.5 | 487.60 | 42.4 | 11.50 |
| 195.2 | 184.6 | 10.6 | 5.4 | July | 167.2 | 45.2 | 31.5 | 485.18 | 42.3 | 11.47 |
| 196.6 | 186.7 | 9.9 | 5.0 | August | 167.4 | 45.1 | 31.4 | 484.08 | 42.5 | 11.39 |
| 193.4 | 183.5 | 9.8 | 5.1 | September | 168.2 | 45.5 | 32.0 | 491.63 | 42.9 | 11.46 |
| 194.9 | 183.3 | 11.6 | 6.0 | October | 167.9 | 44.8 | 31.4 | 485.60 | 42.3 | 11.48 |
| 194.0 | 183.7 | 10.3 | 5.3 | November | 168.2 | 44.9 | 31.4 | 484.34 | 42.3 | 11.45 |
| 195.2 | 183.1 | 12.2 | 6.2 | December | 167.5 | 44.4 | 31.0 | 473.30 | 41.7 | 11.35 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 163.5 | 44.0 | 30.6 | 472.46 | 41.7 | 11.33 |

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

## Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 157 | 62 | 5 | 56 | 1980 | 95 | 7 | 7 | 26 | 6 | 29 | 19 |
| 157 | 61 | 5 | 55 | 1981 | 95 | 7 | 8 | 26 | 6 | 30 | 19 |
| 149 | 54 | 5 | 48 | 1982 | 95 | 6 | 8 | 26 | 6 | 30 | 18 |
| 143 | 49 | 4 | 44 | 1983 | 94 | 6 | 7 | 26 | 6 | 31 | 18 |
| 149 | 53 | 5 | 46 | 1984 | 97 | 6 | 8 | 27 | 6 | 31 | 18 |
| 151 | 53 | 5 | 46 | 1985 | 99 | 6 | 8 | 29 | 6 | 32 | 18 |
| 152 | 50 | 5 | 44 | 1986 | 102 | 6 | 8 | 30 | 6 | 33 | 18 |
| 156 | 51 | 6 | 44 | 1987 | 106 | 6 | 8 | 31 | 7 | 36 | 18 |
| 160 | 52 | 6 | 45 | 1988 | 108 | 6 | 8 | 32 | 7 | 37 | 19 |
| 164 | 54 | 7 | 46 | 1989 | 111 | 6 | 9 | 33 | 7 | 38 | 19 |
| 166 | 53 | 8 | 45 | 1990 | 113 | 6 | 9 | 33 | 7 | 40 | 19 |
| | | | | 1990 | | | | | | | |
| 165 | 54 | 8 | 45 | January | 111 | 6 | 9 | 33 | 7 | 39 | 19 |
| 165 | 54 | 8 | 45 | February | 111 | 6 | 9 | 32 | 7 | 39 | 19 |
| 166 | 54 | 8 | 45 | March | 112 | 6 | 9 | 32 | 7 | 39 | 19 |
| 165 | 53 | 8 | 44 | April | 112 | 6 | 9 | 32 | 7 | 39 | 19 |
| 166 | 53 | 8 | 45 | May | 113 | 6 | 9 | 33 | 7 | 40 | 20 |
| 167 | 53 | 7 | 45 | June | 114 | 6 | 9 | 33 | 7 | 40 | 20 |
| 166 | 53 | 7 | 45 | July | 113 | 6 | 9 | 33 | 7 | 40 | 20 |
| 167 | 53 | 7 | 45 | August | 114 | 6 | 9 | 33 | 7 | 40 | 20 |
| 167 | 53 | 7 | 45 | September | 113 | 6 | 9 | 33 | 7 | 40 | 20 |
| 166 | 53 | 7 | 45 | October | 113 | 6 | 9 | 33 | 7 | 40 | 19 |
| 166 | 53 | 7 | 45 | November | 114 | 6 | 9 | 33 | 7 | 40 | 19 |
| 166 | 52 | 7 | 44 | December | 114 | 6 | 9 | 33 | 7 | 41 | 19 |
| | | | | 1991 | | | | | | | |
| 167 | 53 | 8 | 44 | January | 114 | 6 | 9 | 33 | 7 | 40 | 20 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 163.5 | 167.5 | 162.0 | -4.1 | 1.5 |
| **Goods-Producing Industries[e]** | 51.2 | 52.4 | 52.1 | -1.2 | -.9 |
| Construction | 6.4 | 7.3 | 6.5 | -.8 | .0 |
| Manufacturing | 44.0 | 44.4 | 44.9 | -.4 | -.9 |
| Durable Goods[f] | 33.0 | 33.4 | 33.6 | -.4 | -.6 |
| Primary Metal Industries | 11.8 | 12.1 | 11.0 | -.2 | .8 |
| Fabricated Metal Products | 5.4 | 5.4 | 5.9 | .0 | -.5 |
| Electronic and Other Electric Equipment | 3.9 | 3.9 | 4.2 | .0 | -.3 |
| Nondurable Goods[g] | 11.0 | 11.0 | 11.3 | .0 | -.3 |
| Food and Kindred Products | 3.1 | 3.1 | 3.2 | .0 | -.1 |
| Rubber and Miscellaneous Plastics Products | 2.6 | 2.5 | 2.8 | .1 | -.2 |
| **Service-Producing Industries** | 112.2 | 115.1 | 109.9 | -2.9 | 2.3 |
| Transportation and Public Utilities | 5.5 | 5.7 | 5.5 | -.2 | .0 |
| Communications, Electric, Gas Services | 2.8 | 2.8 | 2.7 | .0 | .1 |
| Wholesale Trade | 8.8 | 9.0 | 8.6 | -.2 | .2 |
| Retail Trade | 31.9 | 33.6 | 32.0 | -1.6 | -.1 |
| General Merchandise Stores | 3.9 | 4.2 | 4.3 | -.4 | -.4 |
| Food Stores | 5.7 | 5.8 | 5.7 | -.1 | -.1 |
| Finance, Insurance, and Real Estate | 6.5 | 6.6 | 6.9 | -.1 | -.4 |
| Finance | 3.8 | 3.9 | 4.0 | .0 | -.2 |
| Services | 39.6 | 40.5 | 37.7 | -.9 | 1.9 |
| Health Services | 16.3 | 16.4 | 15.6 | -.1 | .7 |
| Nursing and Personal Care Facilities | 3.8 | 3.9 | 3.7 | .0 | .1 |
| Hospitals | 7.6 | 7.6 | 7.2 | .0 | .4 |
| Government | 19.9 | 19.7 | 19.3 | .2 | .6 |
| Federal Government | 1.5 | 1.5 | 1.4 | .0 | .1 |
| State Government (Includes Education) | 1.6 | 1.7 | 1.7 | -.1 | .0 |
| Local Government | 16.8 | 16.5 | 16.3 | .3 | .6 |
| Local Government Education | 10.1 | 10.0 | 9.8 | .0 | .2 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

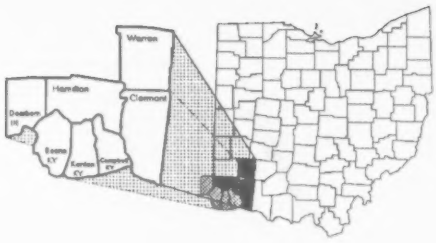
Not Seasonally Adjusted

Canton MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $472.46 | $473.30 | $475.45 | 41.7 | 41.7 | 42.3 | $11.33 | $11.35 | $11.24 |
| Durable Goods[f] | 495.32 | 490.68 | 504.74 | 42.7 | 42.3 | 43.4 | 11.60 | 11.60 | 11.63 |
| Primary Metal Industries | 524.65 | 515.91 | 542.27 | 44.2 | 43.5 | 45.8 | 11.87 | 11.86 | 11.84 |
| Fabricated Metal Products | 451.98 | 436.30 | 491.97 | 40.5 | 39.7 | 41.1 | 11.16 | 10.99 | 11.97 |
| Electronic and Other Electric Equipment | 564.59 | 572.26 | 561.56 | 39.9 | 40.3 | 41.2 | 14.15 | 14.20 | 13.63 |
| Nondurable Goods[g] | 400.40 | 414.75 | 386.67 | 38.5 | 39.5 | 38.9 | 10.40 | 10.50 | 9.94 |
| Food and Kindred Products | 401.74 | 421.85 | 390.57 | 37.9 | 40.1 | 37.7 | 10.60 | 10.52 | 10.36 |
| Rubber and Miscellaneous Plastics Products | 390.43 | 399.10 | 395.09 | 39.2 | 40.6 | 40.9 | 9.96 | 9.83 | 9.66 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 641.36 | 649.70 | 572.80 | 42.9 | 43.4 | 40.0 | 14.95 | 14.97 | 14.32 |
| Wholesale Trade | 402.83 | 394.68 | 371.48 | 39.3 | 39.0 | 38.1 | 10.25 | 10.12 | 9.75 |
| Retail Trade[i] | 166.61 | 176.75 | 169.96 | 26.7 | 28.1 | 28.0 | 6.24 | 6.29 | 6.07 |
| General Merchandise Stores | 174.15 | 195.05 | 189.08 | 27.0 | 28.6 | 29.0 | 6.45 | 6.82 | 6.52 |
| Food Stores | 166.15 | 177.51 | 160.29 | 27.6 | 29.1 | 27.4 | 6.02 | 6.10 | 5.85 |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Nursing and Personal Care Facilities | 203.76 | 194.56 | 184.80 | 31.3 | 30.4 | 30.0 | 6.51 | 6.40 | 6.16 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [l]Depressed due to labor-management disputes.

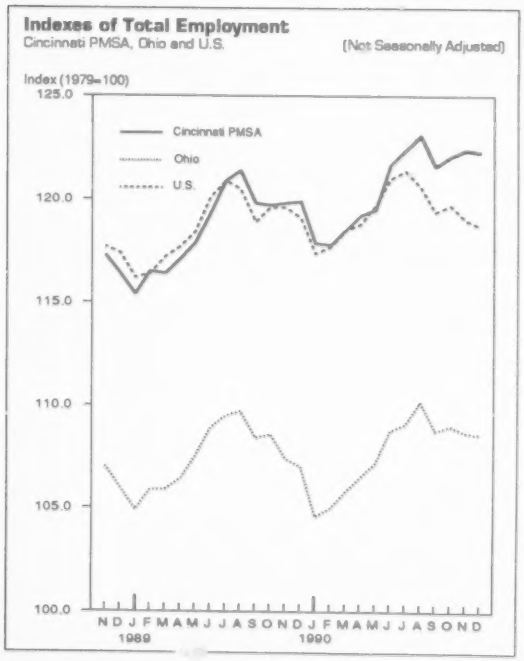
# Cincinnati Primary Metropolitan Statistical Area

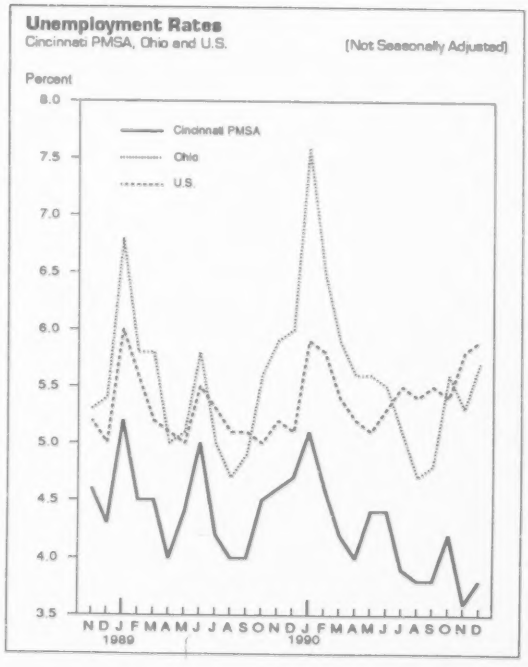



Nonfarm wage and salary employment in the Cincinnati metropolitan area fell 20,600 below the December 1990 level to 737,100 in January 1991. The release of temporary workers in retail trade and services helped lower employment in service-producing industries 16,500. Employment in the goods-producing sector dropped 4,100 over the month to 177,900 due to seasonal layoffs in construction and production cutbacks in durable-goods manufacturing, particularly industrial machinery and equipment and transportation equipment. Factory production workers averaged $12.30 per hour, down 5 cents from December. Their average workweek of 42.7 hours was 0.4 hours shorter.

Nonagricultural payroll employment advanced 15,800 between January 1990 and January 1991. The improvement was concentrated in the service-producing sector. Leading areas of expansion were services, especially health, business, and engineering and management services, and local government. Noteworthy growth was posted in transportation and public utilities and in finance, insurance, and real estate. Employment in goods-producing industries decreased 600 during the period as declines in construction employment negated gains in manufacturing. Over-the-year growth in chemicals and allied products, printing and publishing, paper and allied products, and food and kindred products more than offset reductions in industrial machinery and equipment, electronic and other electric equipment, and transportation equipment.

Seasonally adjusted employment in the Cincinnati area totaled 752,000 in January 1991, up 3,000 from December 1990. Improvements in manufacturing, construction, and government outweighed declines in wholesale trade, retail trade, and services. Since January 1990, total nonfarm payroll employment advanced 16,000. Primary growth sectors were services (+10,000) and government (+4,000).



## Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 676.2 | 628.8 | 47.5 | 7.0 | 1980 | 600.7 | 162.4 | 106.6 | $332.07 | 41.2 | $ 8.06 |
| 678.5 | 619.3 | 59.1 | 8.7 | 1981 | 592.2 | 157.3 | 103.5 | 360.86 | 41.1 | 8.78 |
| 684.3 | 612.4 | 71.9 | 10.5 | 1982 | 575.3 | 146.3 | 95.5 | 387.59 | 40.5 | 9.57 |
| 687.6 | 615.2 | 72.4 | 10.5 | 1983 | 575.6 | 140.4 | 87.7 | 415.52 | 41.1 | 10.11 |
| 695.9 | 638.4 | 57.5 | 8.3 | 1984 | 600.8 | 145.0 | 96.5 | 441.41 | 41.8 | 10.56 |
| 710.6 | 659.1 | 51.5 | 7.2 | 1985 | 628.1 | 147.1 | 96.8 | 441.74 | 41.4 | 10.67 |
| 727.8 | 680.7 | 47.2 | 6.5 | 1986 | 650.8 | 147.7 | 95.5 | 453.00 | 42.1 | 10.76 |
| 744.2 | 700.2 | 44.0 | 5.9 | 1987 | 677.7 | 146.0 | 93.4 | 467.57 | 42.7 | 10.95 |
| 761.3 | 722.2 | 39.0 | 5.1 | 1988 | 701.6 | 145.7 | 92.5 | 476.15 | 42.4 | 11.23 |
| 780.3 | 745.4 | 34.9 | 4.5 | 1989 | 724.5 | 146.2 | 92.3 | 497.64 | 42.9 | 11.60 |
| 790.9 | 758.1 | 32.8 | 4.1 | 1990 | 744.0 | 148.1 | 92.9 | 518.49 | 43.1 | 12.03 |
| | | | | 1990 | | | | | | |
| 779.7 | 740.3 | 39.4 | 5.1 | January | 721.3 | 146.7 | 92.3 | 502.04 | 42.8 | 11.73 |
| 775.6 | 739.7 | 35.9 | 4.6 | February | 724.7 | 147.0 | 92.5 | 498.53 | 42.5 | 11.73 |
| 777.2 | 744.5 | 32.7 | 4.2 | March | 732.2 | 147.3 | 92.5 | 515.70 | 43.3 | 11.91 |
| 780.3 | 748.7 | 31.5 | 4.0 | April | 737.7 | 146.9 | 92.1 | 490.73 | 41.8 | 11.74 |
| 784.6 | 750.3 | 34.3 | 4.4 | May | 746.6 | 147.3 | 92.3 | 519.60 | 43.3 | 12.00 |
| 799.2 | 764.1 | 35.1 | 4.4 | June | 751.5 | 148.5 | 93.2 | 528.00 | 43.6 | 12.11 |
| 800.4 | 768.8 | 31.6 | 3.9 | July | 747.0 | 148.3 | 93.0 | 516.86 | 43.0 | 12.02 |
| 803.6 | 773.5 | 30.2 | 3.8 | August | 748.3 | 148.5 | 93.3 | 529.83 | 43.5 | 12.18 |
| 793.9 | 763.9 | 30.1 | 3.8 | September | 753.3 | 149.3 | 93.8 | 529.48 | 43.4 | 12.20 |
| 800.6 | 766.9 | 33.7 | 4.2 | October | 753.9 | 149.5 | 93.7 | 526.25 | 43.1 | 12.21 |
| 797.2 | 768.5 | 28.8 | 3.6 | November | 754.6 | 149.4 | 93.2 | 527.47 | 43.2 | 12.21 |
| 798.1 | 767.9 | 30.2 | 3.8 | December | 757.6 | 148.6 | 92.3 | 532.29 | 43.1 | 12.35 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 737.1 | 147.4 | 91.6 | 525.21 | 42.7 | 12.30 |

INA – Information not available

## Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 601 | 188 | 25 | 162 | 1980 | 413 | 34 | 39 | 102 | 33 | 122 | 84 |
| 592 | 180 | 22 | 157 | 1981 | 412 | 33 | 38 | 102 | 33 | 124 | 82 |
| 575 | 167 | 20 | 146 | 1982 | 408 | 32 | 37 | 102 | 32 | 124 | 80 |
| 576 | 161 | 20 | 140 | 1983 | 414 | 31 | 37 | 105 | 33 | 130 | 79 |
| 601 | 167 | 22 | 145 | 1984 | 433 | 32 | 39 | 111 | 34 | 137 | 79 |
| 628 | 171 | 23 | 147 | 1985 | 457 | 34 | 41 | 118 | 36 | 147 | 81 |
| 651 | 174 | 26 | 148 | 1986 | 477 | 33 | 42 | 122 | 38 | 156 | 85 |
| 678 | 176 | 30 | 146 | 1987 | 502 | 36 | 44 | 127 | 40 | 168 | 87 |
| 702 | 178 | 32 | 146 | 1988 | 524 | 38 | 45 | 135 | 42 | 176 | 88 |
| 725 | 180 | 34 | 146 | 1989 | 544 | 39 | 48 | 141 | 43 | 184 | 90 |
| 744 | 182 | 34 | 148 | 1990 | 562 | 41 | 49 | 141 | 44 | 193 | 94 |
| | | | | 1990 | | | | | | | |
| 736 | 183 | 35 | 148 | January | 553 | 41 | 48 | 141 | 43 | 187 | 92 |
| 740 | 185 | 36 | 148 | February | 555 | 41 | 48 | 141 | 44 | 189 | 93 |
| 743 | 185 | 36 | 149 | March | 558 | 41 | 49 | 141 | 44 | 190 | 93 |
| 739 | 183 | 34 | 148 | April | 557 | 41 | 49 | 141 | 44 | 190 | 93 |
| 742 | 183 | 34 | 148 | May | 560 | 41 | 48 | 140 | 44 | 191 | 95 |
| 745 | 183 | 34 | 148 | June | 562 | 41 | 49 | 141 | 44 | 193 | 94 |
| 745 | 182 | 33 | 148 | July | 564 | 41 | 49 | 141 | 44 | 193 | 96 |
| 746 | 182 | 34 | 148 | August | 565 | 41 | 49 | 141 | 44 | 194 | 95 |
| 746 | 182 | 33 | 148 | September | 564 | 41 | 49 | 141 | 44 | 196 | 94 |
| 748 | 182 | 32 | 149 | October | 567 | 41 | 49 | 141 | 44 | 198 | 94 |
| 748 | 181 | 33 | 148 | November | 567 | 41 | 49 | 141 | 44 | 197 | 95 |
| 749 | 181 | 33 | 147 | December | 569 | 42 | 49 | 142 | 44 | 198 | 95 |
| | | | | 1991 | | | | | | | |
| 752 | 183 | 34 | 149 | January | 569 | 42 | 48 | 141 | 44 | 197 | 96 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 737.1 | 757.6 | 721.3 | -20.6 | 15.8 |
| **Goods-Producing Industries**[e] | 177.9 | 182.0 | 178.4 | -4.1 | -.6 |
| Construction | 30.1 | 33.0 | 31.3 | -2.9 | -1.3 |
| Manufacturing | 147.4 | 148.6 | 146.7 | -1.1 | .7 |
| Durable Goods[f] | 77.6 | 78.7 | 79.5 | -1.0 | -1.9 |
| Fabricated Metal Products | 11.7 | 11.8 | 11.7 | -.1 | .0 |
| Fabricated Structural Metal Products | 4.3 | 4.4 | 4.2 | -.1 | .1 |
| Industrial Machinery and Equipment | 18.7 | 18.9 | 19.2 | -.2 | -.5 |
| Electronic and Other Electric Equipment | 7.7 | 7.7 | 8.2 | .0 | -.5 |
| Transportation Equipment | 24.4 | 24.6 | 24.7 | -.2 | -.3 |
| Motor Vehicles and Equipment | 5.1 | 4.8 | 4.9 | .2 | .1 |
| Instruments and Related Products | 3.7 | 3.8 | 3.7 | .0 | .0 |
| Nondurable Goods[g] | 69.8 | 69.9 | 67.3 | -.1 | 2.5 |
| Food and Kindred Products | 12.1 | 12.0 | 11.8 | .1 | .3 |
| Beverages | 2.8 | 2.8 | 2.8 | .0 | .0 |
| Apparel and Other Textile Products | 3.4 | 3.4 | 3.4 | .0 | .0 |
| Paper and Allied Products | 6.4 | 6.4 | 6.0 | .1 | .4 |
| Printing and Publishing | 15.1 | 15.2 | 14.5 | -.1 | .6 |
| Commercial Printing | 6.4 | 6.4 | 6.1 | .0 | .3 |
| Chemicals and Allied Products | 23.7 | 23.7 | 22.6 | .1 | 1.1 |
| Rubber and Miscellaneous Plastics Products | 6.5 | 6.7 | 6.5 | -.2 | .1 |
| **Service-Producing Industries** | 559.2 | 575.7 | 542.8 | -16.5 | 16.4 |
| Transportation and Public Utilities | 41.2 | 42.1 | 40.1 | -.9 | 1.1 |
| Transportation | 24.4 | 25.3 | 23.7 | -.9 | .7 |
| Trucking and Warehousing | 10.3 | 11.0 | 10.4 | -.8 | -.1 |
| Transportation by Air | 7.6 | 7.6 | 6.9 | .1 | .8 |
| Communications, Electric, Gas Services | 16.8 | 16.7 | 16.4 | .0 | .4 |
| Communications | 9.9 | 9.9 | 9.9 | .0 | .0 |
| Wholesale Trade | 48.4 | 49.0 | 48.4 | -.5 | .0 |
| Wholesale Trade-Durable Goods | 27.9 | 28.1 | 28.1 | -.2 | -.3 |
| Retail Trade | 138.7 | 147.1 | 138.1 | -8.4 | .6 |
| General Merchandise Stores | 21.6 | 23.8 | 21.7 | -2.2 | -.1 |
| Finance, Insurance, and Real Estate | 43.8 | 44.3 | 42.8 | -.4 | 1.0 |
| Finance | 17.8 | 17.9 | 17.5 | -.1 | .3 |
| Depository Institutions | 13.4 | 13.5 | 13.2 | -.1 | .1 |
| Commercial Banks | 9.6 | 9.6 | 9.3 | .0 | .3 |
| Insurance | 17.3 | 17.4 | 17.1 | .0 | .3 |
| Insurance Carriers | 14.7 | 14.6 | 14.4 | .0 | .2 |
| Life Insurance | 6.9 | 6.9 | 6.8 | .0 | .1 |
| Fire, Marine, and Casualty Insurance | 5.5 | 5.5 | 5.3 | .0 | .2 |
| Services | 190.7 | 196.4 | 180.9 | -5.7 | 9.8 |
| Hotels and Other Lodging Places | 7.2 | 7.7 | 7.0 | -.4 | .2 |
| Personal Services | 9.0 | 8.7 | 8.7 | .3 | .3 |
| Business Services | 38.4 | 39.3 | 36.3 | -.9 | 2.1 |
| Services to Buildings | 6.0 | 6.1 | 6.2 | -.2 | -.3 |
| Computer and Data Processing Services | 5.3 | 5.4 | 4.8 | .0 | .5 |
| Amusements, Including Motion Pictures | 9.2 | 11.5 | 8.6 | -2.3 | .6 |
| Health Services | 59.7 | 60.2 | 57.1 | -.4 | 2.7 |
| Nursing and Personal Care Facilities | 11.4 | 11.5 | 11.0 | -.1 | .4 |
| Hospitals | 28.4 | 28.5 | 27.4 | -.1 | 1.0 |
| Legal Services | 4.3 | 4.5 | 4.1 | -.2 | .2 |
| Educational Services | 7.5 | 7.8 | 6.9 | -.3 | .6 |
| Social Services | 13.2 | 13.3 | 12.6 | -.1 | .6 |
| Residential Care | 4.7 | 4.7 | 4.6 | .0 | .1 |
| Engineering and Management Services | 18.1 | 18.4 | 16.5 | -.3 | 1.6 |
| Engineering and Architectural Services | 6.2 | 6.3 | 5.6 | -.1 | .5 |
| Government | 96.3 | 96.9 | 92.4 | -.7 | 3.8 |
| Federal Government | 16.2 | 16.1 | 16.2 | .0 | .0 |
| State Government | 21.9 | 22.2 | 21.3 | -.2 | .6 |
| State Government Education[h] | 13.9 | 14.1 | 13.3 | -.2 | .6 |
| Local Government | 58.1 | 58.6 | 54.9 | -.5 | 3.2 |
| Local Government Education | 34.0 | 34.4 | 31.8 | -.4 | 2.2 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

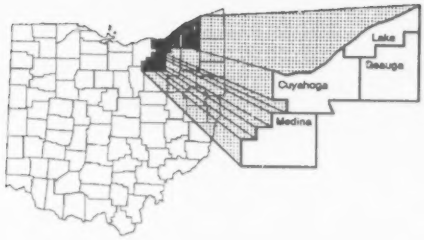
Not Seasonally Adjusted

Cincinnati PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $525.21 | $532.29 | $502.04 | 42.7 | 43.1 | 42.8 | $12.30 | $12.35 | $11.73 |
| Durable Goods[f] | 507.36 | 518.50 | 488.35 | 42.0 | 42.5 | 42.8 | 12.08 | 12.20 | 11.41 |
| Fabricated Metal Products | 416.15 | 426.40 | 413.40 | 41.0 | 41.6 | 42.4 | 10.15 | 10.25 | 9.75 |
| Fabricated Structural Metal Products | 446.45 | 462.42 | 444.79 | 41.3 | 42.0 | 43.1 | 10.81 | 11.01 | 10.32 |
| Industrial Machinery and Equipment | 483.91 | 489.34 | 466.47 | 42.3 | 42.7 | 42.6 | 11.44 | 11.46 | 10.95 |
| Electronic and Other Electric Equipment | 400.20 | 408.93 | 386.14 | 41.3 | 41.6 | 41.7 | 9.69 | 9.83 | 9.26 |
| Transportation Equipment | 732.25 | 771.11 | 725.40 | 43.9 | 45.2 | 45.0 | 16.68 | 17.06 | 16.12 |
| Motor Vehicles and Equipment | 751.58 | 750.54 | 792.90 | 42.2 | 42.0 | 45.7 | 17.81 | 17.87 | 17.35 |
| Instruments and Related Products | 455.00 | 450.28 | 359.89 | 45.5 | 45.3 | 43.1 | 10.00 | 9.94 | 8.35 |
| Nondurable Goods[g] | 542.50 | 544.13 | 515.74 | 43.4 | 43.6 | 42.8 | 12.50 | 12.48 | 12.05 |
| Food and Kindred Products | 508.98 | 519.83 | 515.22 | 42.7 | 43.5 | 43.7 | 11.92 | 11.95 | 11.79 |
| Beverages | 561.59 | 569.90 | 573.73 | 40.2 | 41.0 | 43.3 | 13.97 | 13.90 | 13.25 |
| Apparel and Other Textile Products | 246.34 | 265.65 | 254.02 | 37.1 | 38.5 | 39.2 | 6.64 | 6.90 | 6.48 |
| Paper and Allied Products | 485.94 | 488.16 | 461.74 | 43.7 | 43.2 | 42.4 | 11.12 | 11.30 | 10.89 |
| Printing and Publishing | 51[illegible].68 | 529.98 | 498.00 | 41.0 | 42.5 | 41.5 | 12.48 | 12.47 | 12.00 |
| Commercial Printing | 557.09 | 579.37 | 510.51 | 43.9 | 45.8 | 42.9 | 12.69 | 12.65 | 11.90 |
| Chemicals and Allied Products | 698.08 | 690.34 | 647.35 | 46.2 | 45.9 | 44.4 | 15.11 | 15.04 | 14.58 |
| Rubber and Miscellaneous Plastics Products | 419.56 | 395.65 | 407.40 | 42.9 | 41.3 | 42.0 | 9.78 | 9.58 | 9.70 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 596.51 | 606.22 | 580.55 | 39.9 | 40.2 | 39.9 | 14.95 | 15.08 | 14.55 |
| Communications | 583.25 | 587.88 | 577.28 | 38.6 | 38.6 | 38.9 | 15.11 | 15.23 | 14.84 |
| Wholesale Trade | 441.34 | 444.31 | 434.58 | 39.3 | 39.6 | 39.4 | 11.23 | 11.22 | 11.03 |
| Retail Trade[i] | 176.64 | 182.25 | 168.30 | 27.6 | 28.7 | 27.5 | 6.40 | 6.35 | 6.12 |
| General Merchandise Stores | 226.27 | 243.32 | 209.10 | 29.5 | 32.4 | 30.0 | 7.67 | 7.51 | 6.97 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 301.50 | 302.60 | 303.43 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 273.95 | 274.12 | 273.04 | .... | .... | .... | ..... | ..... | ..... |
| Insurance | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Insurance Carriers | 423.28 | 422.26 | 407.47 | .... | .... | .... | ..... | ..... | ..... |
| Life Insurance | 422.00 | 418.43 | 418.13 | .... | .... | .... | ..... | ..... | ..... |
| Fire, Marine, and Casualty Insurance | 449.52 | 452.75 | 418.44 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Hospitals | 436.43 | 438.51 | 430.01 | 32.4 | 32.7 | 32.7 | 13.47 | 13.41 | 13.15 |
| Engineering and Management Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Engineering and Architectural Services | 697.29 | 664.06 | 641.84 | 42.7 | 41.4 | 40.7 | 16.33 | 16.04 | 15.77 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

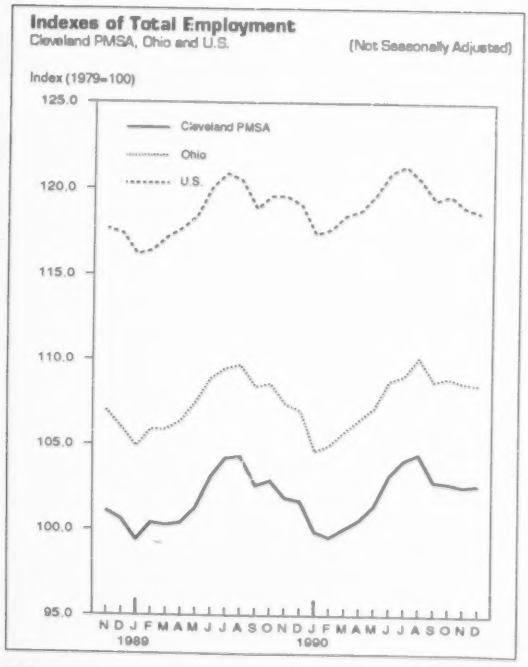
# Cleveland Primary Metropolitan Statistical Area

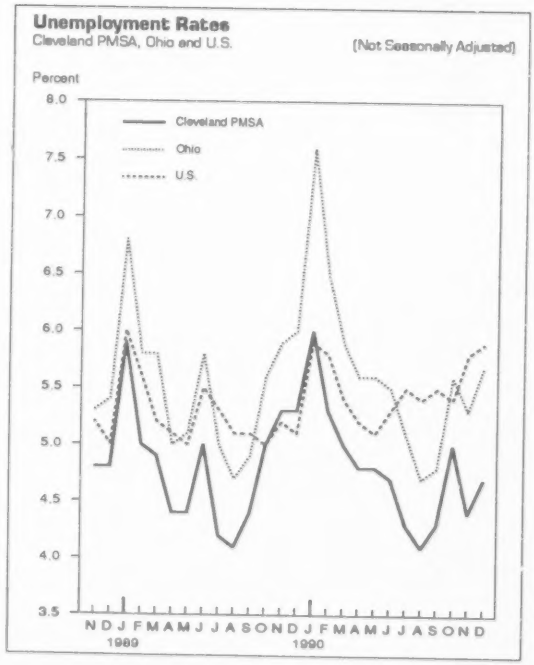



Nonagricultural payroll employment in the Cleveland metropolitan area fell 26,600 below the December 1990 level to 931,000 in January 1991. Service-producing industries declined 20,900 due chiefly to the release of temporary employees in retail trade and services. Seasonal decreases in transportation and public utilities and layoffs of nonteaching personnel in local and state schools and colleges also contributed to the decline. Less business in construction, especially special trade contractors, and cutbacks in manufacturing lowered the workforce in goods-producing industries 5,700 over the month to 234,000. Reductions in primary metal industries, fabricated metal products, and printing and publishing negated a modest increase in transportation equipment. Factory production workers averaged $12.20 per hour, up fractionally from December. Their average workweek of 41.8 hours was 0.6 hours shorter.

Nonfarm wage and salary employment advanced 5,500 between January 1990 and January 1991. The number of employees in service-producing industries increased 7,700. Primary growth industries were services (+4,800) and retail trade (+2,000). Employment in goods-producing industries decreased 2,100 from the year-ago level with scattered reductions in manufacturing and declines in construction. Production cutbacks in primary metal industries, industrial machinery and equipment, transportation equipment, and electronic and other electric equipment overshadowed growth in fabricated metal products and printing and publishing.

Seasonally adjusted employment in the Cleveland area totaled 950,000 in January 1991, up 2,000 from December 1990. Increases in manufacturing, retail trade, and government more than offset decreases in construction and services. Since January 1990, nonfarm payroll employment advanced 6,000. Growth in services, retail trade, and finance, insurance, and real estate outweighed reductions in manufacturing and construction.



## Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 937.1 | 869.1 | 68.0 | 7.3 | 1980 | 895.7 | 254.9 | 169.2 | $350.38 | 40.6 | $ 8.63 |
| 933.9 | 854.0 | 79.8 | 8.5 | 1981 | 880.7 | 246.8 | 161.8 | 395.38 | 41.1 | 9.62 |
| 933.4 | 833.2 | 100.2 | 10.7 | 1982 | 844.6 | 223.0 | 141.8 | 402.99 | 39.9 | 10.10 |
| 928.7 | 823.4 | 105.3 | 11.3 | 1983 | 829.8 | 207.3 | 132.4 | 427.41 | 40.9 | 10.45 |
| 923.6 | 841.0 | 82.6 | 8.9 | 1984 | 854.5 | 213.8 | 137.5 | 456.12 | 42.0 | 10.86 |
| 926.0 | 849.2 | 76.8 | 8.3 | 1985 | 868.7 | 211.2 | 135.1 | 467.74 | 41.8 | 11.19 |
| 932.8 | 862.7 | 70.1 | 7.5 | 1986 | 879.2 | 204.9 | 131.5 | 481.62 | 42.1 | 11.44 |
| 927.0 | 869.0 | 58.0 | 6.3 | 1987 | 891.6 | 200.6 | 128.3 | 496.35 | 42.9 | 11.57 |
| 936.5 | 885.0 | 51.4 | 5.5 | 1988 | 911.3 | 203.3 | 131.1 | 508.65 | 43.4 | 11.72 |
| 951.7 | 905.7 | 46.0 | 4.8 | 1989 | 935.8 | 207.6 | 133.7 | 509.87 | 43.1 | 11.83 |
| 952.8 | 907.2 | 45.6 | 4.8 | 1990 | 950.2 | 206.6 | 131.7 | 517.95 | 42.7 | 12.13 |
| | | | | 1990 | | | | | | |
| 945.1 | 888.0 | 57.1 | 6.0 | January | 925.5 | 205.4 | 131.2 | 495.33 | 42.3 | 11.71 |
| 935.5 | 885.7 | 49.8 | 5.3 | February | 927.7 | 206.3 | 132.1 | 502.60 | 42.2 | 11.91 |
| 936.8 | 890.1 | 46.7 | 5.0 | March | 936.9 | 206.9 | 132.4 | 522.88 | 43.0 | 12.16 |
| 939.2 | 894.4 | 44.9 | 4.8 | April | 940.9 | 206.8 | 132.2 | 498.78 | 41.6 | 11.99 |
| 947.1 | 901.5 | 45.5 | 4.8 | May | 953.2 | 207.0 | 132.3 | 531.72 | 43.3 | 12.28 |
| 962.5 | 917.2 | 45.3 | 4.7 | June | 965.2 | 208.6 | 133.3 | 534.25 | 43.4 | 12.31 |
| 967.6 | 925.6 | 42.1 | 4.3 | July | 962.7 | 207.8 | 132.2 | 514.74 | 42.4 | 12.14 |
| 968.6 | 929.3 | 39.3 | 4.1 | August | 956.3 | 206.1 | 131.1 | 518.38 | 42.7 | 12.14 |
| 955.4 | 914.6 | 40.7 | 4.3 | September | 960.3 | 207.4 | 133.0 | 530.56 | 43.1 | 12.31 |
| 962.8 | 914.4 | 48.5 | 5.0 | October | 959.4 | 207.6 | 132.4 | 527.24 | 42.9 | 12.29 |
| 954.7 | 912.6 | 42.1 | 4.4 | November | 956.5 | 205.2 | 129.5 | 518.87 | 42.6 | 12.18 |
| 958.8 | 913.3 | 45.5 | 4.7 | December | 957.6 | 204.5 | 128.7 | 516.01 | 42.4 | 12.17 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 931.0 | 203.7 | 128.1 | 509.96 | 41.8 | 12.20 |

INA – Information not available

## Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 896 | 286 | 30 | 255 | 1980 | 610 | 46 | 64 | 141 | 48 | 188 | 123 |
| 881 | 276 | 28 | 247 | 1981 | 605 | 45 | 63 | 137 | 48 | 192 | 120 |
| 845 | 249 | 25 | 223 | 1982 | 595 | 43 | 61 | 134 | 48 | 192 | 117 |
| 830 | 234 | 25 | 207 | 1983 | 596 | 41 | 59 | 136 | 48 | 196 | 116 |
| 854 | 243 | 28 | 214 | 1984 | 612 | 42 | 62 | 141 | 49 | 204 | 115 |
| 869 | 240 | 28 | 211 | 1985 | 629 | 41 | 63 | 146 | 50 | 213 | 116 |
| 879 | 232 | 26 | 205 | 1986 | 647 | 41 | 62 | 150 | 52 | 225 | 116 |
| 892 | 230 | 28 | 201 | 1987 | 662 | 41 | 61 | 154 | 55 | 233 | 117 |
| 911 | 234 | 29 | 203 | 1988 | 678 | 41 | 64 | 157 | 56 | 243 | 116 |
| 936 | 241 | 33 | 208 | 1989 | 694 | 42 | 65 | 159 | 57 | 253 | 118 |
| 950 | 242 | 35 | 207 | 1990 | 708 | 43 | 65 | 163 | 58 | 260 | 120 |
| | | | | 1990 | | | | | | | |
| 944 | 242 | 35 | 207 | January | 702 | 43 | 65 | 162 | 57 | 256 | 120 |
| 948 | 244 | 36 | 208 | February | 704 | 43 | 65 | 162 | 58 | 257 | 120 |
| 953 | 245 | 36 | 208 | March | 708 | 43 | 65 | 162 | 58 | 259 | 121 |
| 948 | 243 | 35 | 208 | April | 704 | 43 | 65 | 162 | 58 | 257 | 120 |
| 951 | 242 | 34 | 207 | May | 709 | 43 | 65 | 162 | 58 | 259 | 122 |
| 954 | 243 | 35 | 207 | June | 711 | 43 | 65 | 163 | 58 | 260 | 122 |
| 953 | 243 | 35 | 208 | July | 709 | 43 | 65 | 163 | 58 | 261 | 118 |
| 949 | 242 | 35 | 206 | August | 708 | 43 | 65 | 164 | 58 | 263 | 114 |
| 953 | 242 | 34 | 207 | September | 711 | 43 | 65 | 164 | 58 | 262 | 120 |
| 952 | 242 | 34 | 207 | October | 710 | 43 | 65 | 164 | 58 | 260 | 120 |
| 948 | 239 | 34 | 204 | November | 709 | 42 | 65 | 163 | 58 | 261 | 119 |
| 948 | 239 | 35 | 203 | December | 709 | 43 | 65 | 163 | 58 | 261 | 119 |
| | | | | 1991 | | | | | | | |
| 950 | 240 | 34 | 205 | January | 710 | 43 | 65 | 164 | 58 | 260 | 120 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 931.0 | 957.6 | 925.5 | -26.6 | 5.5 |
| **Goods-Producing Industries**[e] | 234.0 | 239.7 | 236.1 | -5.7 | -2.1 |
| Construction | 29.4 | 34.3 | 29.9 | -4.9 | -.5 |
| Special Trade Contractors | 20.5 | 24.1 | 20.9 | -3.6 | -.3 |
| Manufacturing | 203.7 | 204.5 | 205.4 | -.8 | -1.6 |
| Durable Goods[f] | 137.8 | 138.1 | 139.8 | -.3 | -2.0 |
| Stone, Clay, and Glass Products | 3.5 | 3.5 | 3.4 | -.1 | .0 |
| Primary Metal Industries | 19.8 | 20.1 | 20.8 | -.3 | -1.0 |
| Iron and Steel Foundries | 4.4 | 4.5 | 4.4 | -.1 | -.1 |
| Fabricated Metal Products | 33.8 | 34.1 | 33.0 | -.3 | .8 |
| Screw Machine Products, Bolts, etc. | 5.2 | 5.2 | 5.1 | .0 | .0 |
| Metal Forgings and Stampings | 10.6 | 10.7 | 10.0 | -.1 | .5 |
| Industrial Machinery and Equipment | 32.7 | 32.9 | 33.6 | -.1 | -.9 |
| Metalworking Machinery | 12.7 | 12.8 | 13.0 | -.1 | -.3 |
| Electronic and Other Electric Equipment | 15.2 | 15.2 | 15.6 | .0 | -.5 |
| Electrical Industrial Apparatus | 4.1 | 4.1 | 4.3 | .0 | -.2 |
| Electric Lighting and Wiring Equipment | 5.1 | 5.2 | 5.3 | .0 | -.2 |
| Transportation Equipment | 18.2 | 17.6 | 18.9 | .5 | -.7 |
| Motor Vehicles and Equipment | 10.6 | 10.1 | 11.4 | .6 | -.8 |
| Instruments and Related Products | 7.3 | 7.4 | 7.2 | -.1 | .2 |
| Measuring and Controlling Devices | 5.2 | 5.2 | 4.8 | .0 | .3 |
| Nondurable Goods[g] | 66.0 | 66.4 | 65.6 | -.5 | .4 |
| Food and Kindred Products | 6.6 | 6.7 | 6.4 | -.1 | .2 |
| Apparel and Other Textile Products | 3.3 | 3.3 | 3.2 | .0 | .1 |
| Paper and Allied Products | 5.9 | 6.0 | 5.9 | -.1 | .0 |
| Printing and Publishing | 17.6 | 17.8 | 16.9 | -.2 | .7 |
| Chemicals and Allied Products | 14.8 | 14.8 | 15.1 | .0 | -.3 |
| Rubber and Miscellaneous Plastics Products | 11.6 | 11.6 | 11.7 | .0 | -.1 |
| Miscellaneous Plastics Products | 7.6 | 7.6 | 7.1 | .0 | .5 |
| **Service-Producing Industries** | 697.1 | 718.0 | 689.4 | -20.9 | 7.7 |
| Transportation and Public Utilities | 41.8 | 43.4 | 42.1 | -1.6 | -.3 |
| Transportation | 24.6 | 26.2 | 24.3 | -1.6 | .3 |
| Trucking and Warehousing | 11.1 | 12.1 | 11.1 | -1.0 | .0 |
| Transportation by Air | 5.5 | 5.4 | 5.1 | .1 | .4 |
| Communications, Electric, Gas Services | 17.2 | 17.2 | 17.8 | .0 | -.6 |
| Communications | 10.3 | 10.3 | 10.5 | .0 | -.2 |
| Electric, Gas, and Sanitary Services | 7.0 | 7.0 | 7.3 | .0 | -.3 |
| Wholesale Trade | 64.4 | 65.3 | 64.2 | -.9 | .2 |
| Wholesale Trade-Durable Goods | 44.3 | 44.8 | 43.9 | -.5 | .4 |
| Motor Vehicles, Parts, and Supplies | 4.1 | 4.2 | 4.2 | -.1 | .0 |
| Professional and Commercial Equipment | 8.9 | 9.0 | 9.4 | -.1 | -.5 |
| Retail Trade | 161.1 | 169.8 | 159.1 | -8.6 | 2.0 |
| General Merchandise Stores | 20.5 | 22.5 | 21.2 | -2.0 | -.6 |
| Finance, Insurance, and Real Estate | 57.6 | 58.1 | 56.9 | -.5 | .7 |
| Finance | 27.5 | 27.6 | 27.9 | -.2 | -.4 |
| Depository Institutions | 20.2 | 20.3 | 20.5 | -.1 | -.3 |
| Commercial Banks | 12.9 | 12.9 | 12.8 | .0 | .0 |
| Insurance | 19.1 | 19.2 | 18.4 | -.2 | .7 |
| Insurance Carriers | 14.3 | 14.4 | 13.7 | -.1 | .6 |
| Fire, Marine, and Casualty Insurance | 6.3 | 6.3 | 6.1 | -.1 | .1 |
| Services | 253.5 | 261.4 | 248.6 | -8.0 | 4.8 |
| Business Services | 50.6 | 52.6 | 49.5 | -2.0 | 1.1 |
| Personnel Supply Services | 18.0 | 19.4 | 18.2 | -1.5 | -.3 |
| Computer and Data Processing Services | 6.7 | 6.9 | 6.2 | -.2 | .5 |
| Amusements, Including Motion Pictures | 9.6 | 11.4 | 9.8 | -1.8 | -.2 |
| Health Services | 80.3 | 80.9 | 79.0 | -.6 | 1.3 |
| Nursing and Personal Care Facilities | 14.3 | 14.4 | 13.8 | -.2 | .5 |
| Hospitals | 43.0 | 43.1 | 43.5 | .0 | -.4 |
| Legal Services | 9.7 | 9.8 | 9.5 | -.1 | .2 |
| Educational Services | 17.8 | 18.0 | 17.9 | -.2 | -.1 |
| Social Services | 15.3 | 15.6 | 14.2 | -.4 | 1.1 |
| Residential Care | 4.2 | 4.3 | 3.9 | -.1 | .3 |
| Engineering and Management Services | 22.2 | 22.8 | 22.1 | -.6 | .0 |
| Engineering and Architectural Services | 8.3 | 8.3 | 8.4 | .0 | -.1 |
| Accounting, Auditing, and Bookkeeping | 6.3 | 6.4 | 6.3 | -.1 | .0 |
| Management and Public Relations | 5.1 | 5.2 | 4.8 | -.1 | .3 |
| Government | 118.7 | 119.9 | 118.4 | -1.2 | .2 |
| Federal Government | 19.7 | 19.9 | 20.5 | -.2 | -.8 |
| State Government | 8.0 | 8.6 | 7.9 | -.6 | .1 |
| State Government Education[h] | 3.1 | 3.7 | 2.9 | -.5 | .2 |
| Local Government | 91.0 | 91.4 | 90.0 | -.4 | 1.0 |
| Local Government Education | 45.4 | 45.9 | 46.1 | -.6 | -.8 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

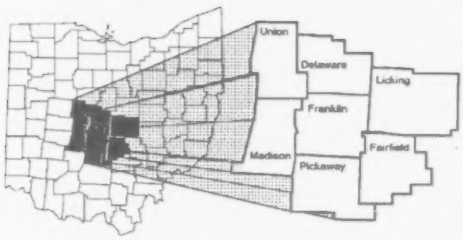
Not Seasonally Adjusted

Cleveland PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $509.96 | $516.01 | $495.33 | 41.8 | 42.4 | 42.3 | $12.20 | $12.17 | $11.71 |
| Durable Goods[f] | 536.36 | 542.28 | 519.66 | 42.2 | 42.8 | 42.7 | 12.71 | 12.67 | 12.17 |
| Stone, Clay, and Glass Products | 479.16 | 512.56 | 490.05 | 41.2 | 43.0 | 41.6 | 11.63 | 11.92 | 11.78 |
| Primary Metal Industries | 565.36 | 543.75 | 519.06 | 44.1 | 43.5 | 43.4 | 12.82 | 12.50 | 11.96 |
| Iron and Steel Foundries | 867.10 | 762.67 | 766.39 | 46.0 | 42.3 | 44.3 | 18.85 | 18.03 | 17.30 |
| Fabricated Metal Products | 557.28 | 562.46 | 521.37 | 43.0 | 43.2 | 42.7 | 12.96 | 13.02 | 12.21 |
| Screw Machine Products, Bolts, etc. | 536.46 | 530.93 | 512.46 | 43.9 | 43.2 | 43.1 | 12.22 | 12.29 | 11.89 |
| Metal Forgings and Stampings | 686.02 | 687.89 | 646.66 | 43.2 | 43.4 | 43.4 | 15.88 | 15.85 | 14.90 |
| Industrial Machinery and Equipment | 506.69 | 537.59 | 512.43 | 41.6 | 43.6 | 43.5 | 12.18 | 12.33 | 11.78 |
| Metalworking Machinery | 471.98 | 484.57 | 512.90 | 40.1 | 41.1 | 43.8 | 11.77 | 11.79 | 11.71 |
| Electronic and Other Electric Equipment | 433.78 | 437.41 | 427.44 | 41.0 | 41.5 | 41.1 | 10.58 | 10.54 | 10.40 |
| Electrical Industrial Apparatus | 443.28 | 462.53 | 437.86 | 42.5 | 43.8 | 41.9 | 10.43 | 10.56 | 10.45 |
| Electric Lighting and Wiring Equipment | 419.58 | 404.90 | 385.07 | 38.6 | 37.7 | 38.7 | 10.87 | 10.74 | 9.95 |
| Transportation Equipment | 681.86 | 683.09 | 663.60 | 41.4 | 41.5 | 42.0 | 16.47 | 16.46 | 15.80 |
| Motor Vehicles and Equipment | 724.53 | 731.27 | 721.76 | 39.7 | 39.7 | 41.6 | 18.25 | 18.42 | 17.35 |
| Instruments and Related Products | 449.34 | 449.60 | 439.93 | 41.3 | 41.4 | 41.0 | 10.88 | 10.86 | 10.73 |
| Measuring and Controlling Devices | 478.93 | 494.75 | 465.30 | 42.8 | 43.9 | 42.3 | 11.19 | 11.27 | 11.00 |
| Nondurable Goods[g] | 448.95 | 452.50 | 436.54 | 41.0 | 41.4 | 41.3 | 10.95 | 10.93 | 10.57 |
| Food and Kindred Products | 450.47 | 458.69 | 477.41 | 39.9 | 40.7 | 42.1 | 11.29 | 11.27 | 11.34 |
| Apparel and Other Textile Products | 391.64 | 399.56 | 373.80 | 39.6 | 39.6 | 39.1 | 9.89 | 10.09 | 9.56 |
| Paper and Allied Products | 543.92 | 543.98 | 507.30 | 45.9 | 46.1 | 44.5 | 11.85 | 11.80 | 11.40 |
| Printing and Publishing | 397.95 | 410.01 | 375.12 | 37.9 | 38.9 | 37.7 | 10.50 | 10.54 | 9.95 |
| Chemicals and Allied Products | 556.50 | 547.94 | 547.78 | 42.0 | 41.7 | 43.2 | 13.25 | 13.14 | 12.68 |
| Rubber and Miscellaneous Plastics Products | 364.27 | 376.97 | 374.59 | 40.7 | 41.7 | 41.9 | 8.95 | 9.04 | 8.94 |
| Miscellaneous Plastics Products | 372.50 | 395.04 | 385.10 | 40.8 | 42.8 | 42.6 | 9.13 | 9.23 | 9.04 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Transportation | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Trucking and Warehousing | 489.03 | 498.40 | 464.75 | 34.2 | 35.0 | 33.8 | 14.27 | 14.24 | 13.75 |
| Communications, Electric, Gas Services | 697.45 | 680.98 | 621.84 | 43.7 | 43.1 | 41.1 | 15.96 | 15.80 | 15.13 |
| Wholesale Trade | 462.91 | 468.81 | 454.70 | 38.9 | 39.1 | 39.3 | 11.90 | 11.99 | 11.57 |
| Retail Trade[f] | 194.15 | 199.65 | 182.65 | 27.5 | 28.4 | 26.9 | 7.06 | 7.03 | 6.79 |
| General Merchandise Stores | 196.98 | 213.41 | 188.10 | 29.4 | 31.2 | 27.5 | 6.70 | 6.84 | 6.84 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 322.49 | 324.36 | 323.69 | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 293.21 | 295.99 | 295.25 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 285.27 | 285.31 | 288.14 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | 341.95 | 341.02 | 324.68 | 31.2 | 31.2 | 31.1 | 10.96 | 10.93 | 10.44 |
| Nursing and Personal Care Facilities | 255.70 | 260.95 | 226.94 | 33.6 | 34.2 | 32.7 | 7.61 | 7.63 | 6.94 |
| Hospitals | 373.92 | 375.15 | 358.15 | 30.4 | 30.5 | 30.3 | 12.30 | 12.30 | 11.82 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

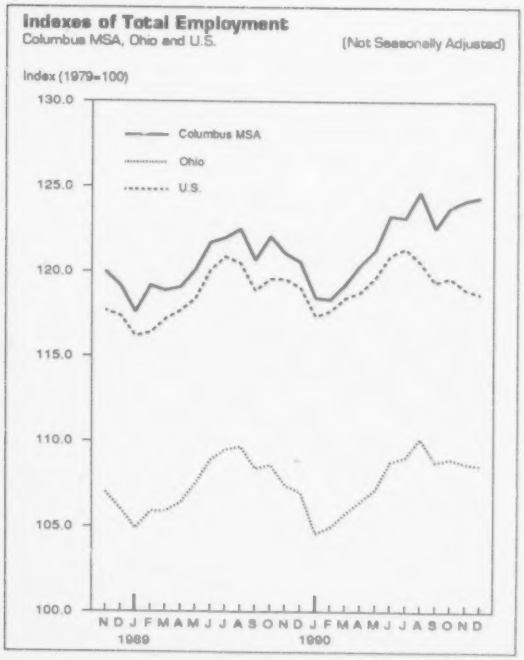
# Columbus Metropolitan Statistical Area

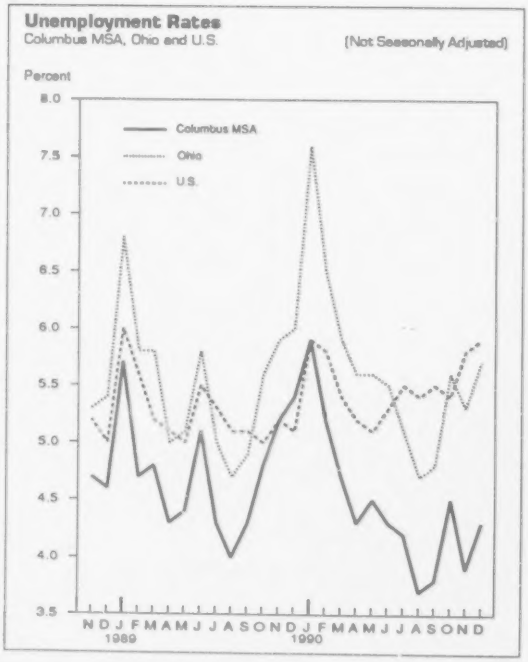



In the Columbus metropolitan area, total nonfarm payroll employment fell 19,800 below the December 1990 level to 717,500 in January 1991. The release of temporary workers in retail trade and services helped lower employment in service-producing industries 16,300. Seasonal layoffs of nonteaching personnel in state schools and colleges and less business in transportation and public utilities also contributed to the decline. The workforce in goods-producing industries decreased 3,500 over the month to 130,900 chiefly due to reductions in construction. Manufacturing production workers averaged $12.67 per hour, down 10 cents from December. Their average workweek of 41.7 hours was 1.3 hours shorter.

Nonagricultural wage and salary employment advanced 15,200 between January 1990 and January 1991. The number of jobs in service-producing industries rose 14,100 during the period. Primary areas of expansion were services, especially business and health services, and state and local government. Noteworthy growth was posted in retail trade. Employment in the goods-producing sector increased 1,100 as scattered gains in manufacturing outweighed declines in construction employment. Over-the-year growth in transportation equipment, particularly motor vehicles and equipment, fabricated metal products, and food and kindred products more than offset a reduction in stone, clay, and glass products.

Seasonally adjusted employment in the Columbus area rose 2,000 from December 1990 to 729,000 in January 1991 due to nominal gains in manufacturing and government. Since January 1990, total payroll employment advanced 16,000. Leading growth industries were services (+8,000), government (+4,000), and manufacturing (+2,000).



## Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| INA | INA | INA | INA | 1980 | 560.2 | 112.6 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1981 | 556.9 | 109.1 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1982 | 544.0 | 101.0 | INA | INA | INA | INA |
| 647.7 | 587.4 | 60.3 | 9.3 | 1983 | 548.5 | 98.7 | INA | INA | INA | INA |
| 633.5 | 584.3 | 49.2 | 7.8 | 1984 | 576.4 | 104.7 | 69.3 | $426.05 | 40.5 | $10.52 |
| 649.4 | 605.6 | 43.8 | 6.7 | 1985 | 603.6 | 106.1 | 70.8 | 442.95 | 40.9 | 10.83 |
| 676.2 | 634.9 | 41.3 | 6.1 | 1986 | 630.7 | 105.8 | 70.4 | 461.14 | 41.1 | 11.22 |
| 694.9 | 657.2 | 37.7 | 5.4 | 1987 | 658.0 | 103.9 | 68.7 | 473.52 | 41.5 | 11.41 |
| 711.2 | 676.2 | 35.0 | 4.9 | 1988 | 680.5 | 102.6 | 67.9 | 479.33 | 41.5 | 11.55 |
| 730.3 | 695.6 | 34.7 | 4.8 | 1989 | 704.7 | 104.9 | 69.5 | 500.82 | 41.7 | 12.01 |
| 737.3 | 704.7 | 32.6 | 4.4 | 1990 | 722.7 | 104.5 | 69.7 | 522.48 | 42.0 | 12.44 |
| | | | | 1990 | | | | | | |
| 727.2 | 684.3 | 42.9 | 5.9 | January | 702.3 | 102.6 | 68.3 | 516.57 | 42.1 | 12.27 |
| 720.9 | 683.7 | 37.2 | 5.2 | February | 704.3 | 103.6 | 69.1 | 520.36 | 42.1 | 12.36 |
| 722.8 | 689.0 | 33.8 | 4.7 | March | 709.5 | 103.9 | 69.6 | 512.10 | 41.6 | 12.31 |
| 726.7 | 695.5 | 31.2 | 4.3 | April | 716.5 | 104.5 | 70.0 | 501.43 | 40.9 | 12.26 |
| 733.4 | 700.7 | 32.7 | 4.5 | May | 723.3 | 104.3 | 69.7 | 514.58 | 41.7 | 12.34 |
| 744.2 | 712.0 | 32.2 | 4.3 | June | 731.9 | 105.3 | 70.3 | 520.80 | 42.0 | 12.40 |
| 742.4 | 711.6 | 30.8 | 4.2 | July | 722.0 | 103.8 | 68.7 | 524.15 | 42.1 | 12.45 |
| 747.6 | 720.2 | 27.4 | 3.7 | August | 724.3 | 105.1 | 70.0 | 515.41 | 41.7 | 12.36 |
| 736.6 | 708.3 | 28.3 | 3.8 | September | 728.2 | 105.6 | 70.7 | 529.61 | 42.2 | 12.55 |
| 748.8 | 715.2 | 33.6 | 4.5 | October | 735.2 | 106.1 | 70.7 | 530.88 | 42.1 | 12.61 |
| 746.7 | 717.4 | 29.3 | 3.9 | November | 737.1 | 105.0 | 69.7 | 541.40 | 42.9 | 12.62 |
| 750.0 | 718.2 | 31.9 | 4.3 | December | 737.3 | 104.6 | 69.4 | 549.11 | 43.0 | 12.77 |
| | | | | 1991 | | | | | | |
| INA | INA | IN. | INA | January | 717.5 | 104.4 | 69.5 | 528.34 | 41.7 | 12.67 |

INA – Information not available

## Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 560 | 135 | 21 | 113 | 1980 | 425 | 27 | 29 | 101 | 40 | 113 | 115 |
| 557 | 130 | 19 | 109 | 1981 | 427 | 26 | 29 | 101 | 42 | 116 | 113 |
| 544 | 118 | 16 | 101 | 1982 | 426 | 25 | 28 | 100 | 44 | 117 | 111 |
| 548 | 117 | 17 | 99 | 1983 | 432 | 25 | 29 | 103 | 45 | 120 | 110 |
| 576 | 125 | 19 | 105 | 1984 | 451 | 26 | 31 | 110 | 47 | 127 | 110 |
| 604 | 12 | 22 | 106 | 1985 | 475 | 26 | 32 | 119 | 49 | 136 | 112 |
| 631 | 13 | 24 | 106 | 1986 | 500 | 27 | 32 | 125 | 54 | 146 | 116 |
| 658 | 132 | 27 | 104 | 1987 | 526 | 28 | 34 | 133 | 57 | 154 | 119 |
| 680 | 133 | 29 | 103 | 1988 | 548 | 30 | 36 | 138 | 59 | 162 | 123 |
| 705 | 135 | 30 | 105 | 1989 | 569 | 31 | 37 | 145 | 60 | 172 | 125 |
| 723 | 135 | 29 | 105 | 1990 | 588 | 31 | 36 | 148 | 61 | 183 | 129 |
| | | | | 1990 | | | | | | | |
| 713 | 134 | 30 | 103 | January | 580 | 31 | 36 | 148 | 60 | 178 | 127 |
| 715 | 135 | 30 | 104 | February | 579 | 31 | 36 | 148 | 60 | 178 | 127 |
| 717 | 136 | 31 | 105 | March | 581 | 31 | 36 | 148 | 60 | 178 | 128 |
| 718 | 135 | 29 | 105 | April | 583 | 31 | 36 | 146 | 61 | 180 | 129 |
| 720 | 135 | 29 | 105 | May | 585 | 31 | 36 | 146 | 61 | 181 | 130 |
| 725 | 136 | 30 | 105 | June | 590 | 31 | 36 | 147 | 61 | 184 | 130 |
| 726 | 134 | 29 | 104 | July | 593 | 31 | 36 | 148 | 61 | 185 | 132 |
| 728 | 135 | 29 | 105 | August | 592 | 31 | 36 | 149 | 61 | 186 | 130 |
| 726 | 135 | 29 | 105 | September | 591 | 31 | 36 | 149 | 61 | 186 | 130 |
| 727 | 135 | 29 | 106 | October | 592 | 31 | 36 | 149 | 61 | 186 | 130 |
| 728 | 134 | 29 | 104 | November | 593 | 31 | 36 | 149 | 61 | 186 | 130 |
| 727 | 134 | 29 | 104 | December | 593 | 31 | 36 | 149 | 61 | 186 | 130 |
| | | | | 1991 | | | | | | | |
| 729 | 135 | 29 | 105 | January | 594 | 31 | 36 | 149 | 61 | 186 | 131 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 717.5 | 737.3 | 702.3 | -19.8 | 15.2 |
| **Goods-Producing Industries**[e] | 130.9 | 134.4 | 129.8 | -3.5 | 1.1 |
| Construction | 25.6 | 28.9 | 26.4 | -3.3 | -.8 |
| Manufacturing | 104.4 | 104.6 | 102.6 | -.1 | 1.8 |
| Durable Goods[f] | 65.9 | 65.5 | 64.7 | .3 | 1.2 |
| Stone, Clay, and Glass Products | 9.0 | 8.8 | 9.7 | .1 | -.8 |
| Glass and Glassware, Pressed or Blown | 3.4 | 3.1 | 3.5 | .3 | -.1 |
| Fabricated Metal Products | 9.5 | 9.2 | 9.1 | .3 | .4 |
| Industrial Machinery and Equipment | 10.0 | 10.1 | 9.8 | -.1 | .2 |
| Electronic and Other Electric Equipment | 9.8 | 9.7 | 9.5 | .1 | .3 |
| Transportation Equipment | 15.8 | 15.8 | 14.3 | .0 | 1.5 |
| Motor Vehicles and Equipment | 14.1 | 14.1 | 12.9 | .0 | 1.2 |
| Instruments and Related Products | 4.2 | 4.2 | 4.6 | .0 | -.4 |
| Nondurable Goods[g] | 38.5 | 39.0 | 37.9 | -.5 | .7 |
| Food and Kindred Products | 10.7 | 10.8 | 10.3 | -.1 | .4 |
| Dairy Products | 4.1 | 4.1 | 3.7 | .0 | .4 |
| Printing and Publishing | 10.9 | 10.9 | 10.6 | .0 | .3 |
| Chemicals and Allied Products | 6.7 | 6.8 | 6.9 | -.1 | -.2 |
| Rubber and Miscellaneous Plastics Products | 6.1 | 6.3 | 6.0 | -.1 | .1 |
| **Service-Producing Industries** | 586.6 | 602.9 | 572.5 | -16.3 | 14.1 |
| Transportation and Public Utilities | 30.4 | 31.4 | 30.3 | -1.0 | .1 |
| Transportation | 17.7 | 18.6 | 17.8 | -.9 | -.1 |
| Trucking and Warehousing | 12.6 | 13.4 | 12.3 | -.8 | .3 |
| Communications, Electric, Gas Services | 12.8 | 12.8 | 12.6 | .0 | .2 |
| Communications | 7.9 | 8.0 | 7.8 | .0 | .1 |
| Electric, Gas, and Sanitary Services | 4.9 | 4.9 | 4.7 | .0 | .1 |
| Wholesale Trade | 35.7 | 36.4 | 35.8 | -.7 | -.1 |
| Wholesale Trade-Durable Goods | 22.6 | 22.8 | 22.9 | -.3 | -.3 |
| Motor Vehicles, Parts, and Supplies | 3.0 | 3.1 | 3.0 | -.1 | .0 |
| Machinery, Equipment, and Supplies | 4.9 | 4.9 | 5.2 | .0 | -.4 |
| Wholesale Trade-Nondurable Goods | 13.1 | 13.6 | 12.9 | -.4 | .2 |
| Retail Trade | 146.6 | 154.9 | 145.5 | -8.3 | 1.2 |
| General Merchandise Stores | 21.4 | 23.8 | 21.8 | -2.4 | -.3 |
| Food Stores | 16.8 | 17.6 | 16.5 | -.8 | .3 |
| Automotive Dealers and Service Stations | 14.1 | 14.2 | 13.7 | -.1 | .4 |
| Finance, Insurance, and Real Estate | 60.4 | 60.9 | 59.8 | -.4 | .7 |
| Finance | 24.3 | 24.6 | 24.2 | -.4 | .0 |
| Depository Institutions | 13.5 | 13.9 | 13.9 | -.4 | -.4 |
| Commercial Banks | 11.3 | 11.7 | 11.4 | -.3 | -.1 |
| Insurance | 26.8 | 26.8 | 26.8 | .0 | .0 |
| Insurance Carriers | 22.9 | 22.8 | 22.8 | .0 | .0 |
| Services | 181.7 | 185.8 | 173.3 | -4.1 | 8.5 |
| Business Services | 42.4 | 44.0 | 37.6 | -1.6 | 4.8 |
| Personnel Supply Services | 17.0 | 18.0 | 12.9 | -1.1 | 4.0 |
| Health Services | 47.3 | 47.5 | 45.2 | -.2 | 2.2 |
| Nursing and Personal Care Facilities | 8.4 | 8.4 | 7.9 | .0 | .5 |
| Hospitals | 22.2 | 22.1 | 21.2 | .0 | 1.0 |
| Legal Services | 4.6 | 4.6 | 4.4 | -.1 | .1 |
| Educational Services | 7.1 | 7.3 | 7.9 | -.2 | -.7 |
| Social Services | 13.5 | 13.7 | 12.7 | -.2 | .8 |
| Engineering and Management Services | 18.4 | 18.5 | 18.1 | -.1 | .3 |
| Engineering and Architectural Services | 5.1 | 5.1 | 4.6 | .0 | .5 |
| Accounting, Auditing, and Bookkeeping | 4.0 | 3.9 | 4.0 | .1 | .0 |
| Research and Testing Services | 5.7 | 5.7 | 5.9 | .0 | -.2 |
| Government | 131.7 | 133.5 | 127.9 | -1.9 | 3.8 |
| Federal Government | 16.0 | 16.3 | 16.4 | -.3 | -.4 |
| State Government | 57.8 | 58.9 | 55.6 | -1.2 | 2.2 |
| State Government Education[h] | 24.4 | 25.8 | 23.0 | -1.4 | 1.3 |
| Local Government | 57.9 | 58.3 | 55.9 | -.4 | 2.0 |
| Local Government Education | 35.4 | 35.7 | 34.0 | -.2 | 1.4 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

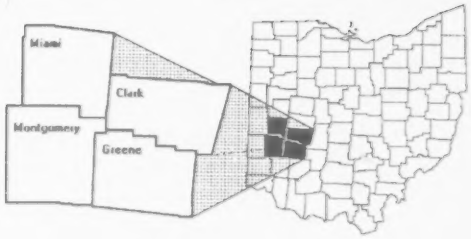
Not Seasonally Adjusted

Columbus MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $528.34 | $549.11 | $516.57 | 41.7 | 43.0 | 42.1 | $12.67 | $12.77 | $12.27 |
| Durable Goods[f] | 542.67 | 567.23 | 530.88 | 42.1 | 43.3 | 42.2 | 12.89 | 13.10 | 12.58 |
| Stone, Clay, and Glass Products | 530.72 | 538.16 | 502.85 | 42.8 | 43.4 | 41.8 | 12.40 | 12.40 | 12.03 |
| Glass and Glassware, Pressed or Blown | 446.08 | 455.95 | 451.14 | 39.9 | 41.3 | 41.2 | 11.18 | 11.04 | 10.95 |
| Fabricated Metal Products | 551.88 | 525.16 | 489.24 | 42.0 | 40.9 | 40.5 | 13.14 | 12.84 | 12.08 |
| Industrial Machinery and Equipment | 540.76 | 572.39 | 497.54 | 44.0 | 45.5 | 41.6 | 12.29 | 12.58 | 11.96 |
| Electronic and Other Electric Equipment | 541.85 | 614.71 | 505.36 | 42.2 | 45.5 | 41.8 | 12.84 | 13.51 | 12.09 |
| Transportation Equipment | 606.29 | 651.92 | 668.63 | 41.9 | 43.9 | 45.3 | 14.47 | 14.85 | 14.76 |
| Motor Vehicles and Equipment | 600.92 | 648.83 | 671.01 | 41.3 | 43.4 | 45.4 | 14.55 | 14.95 | 14.78 |
| Instruments and Related Products | 430.40 | 458.43 | 390.66 | 40.0 | 41.6 | 38.3 | 10.76 | 11.02 | 10.20 |
| Nondurable Goods[g] | 500.61 | 515.10 | 487.06 | 41.0 | 42.5 | 41.7 | 12.21 | 12.12 | 11.68 |
| Food and Kindred Products | 446.45 | 481.57 | 422.10 | 41.3 | 44.1 | 41.1 | 10.81 | 10.92 | 10.27 |
| Dairy Products | 704.43 | 639.45 | 653.97 | 47.5 | 44.1 | 45.7 | 14.83 | 14.50 | 14.31 |
| Printing and Publishing | 572.85 | 599.23 | 558.56 | 40.2 | 41.7 | 40.3 | 14.25 | 14.37 | 13.86 |
| Chemicals and Allied Products | 679.29 | 670.13 | 658.12 | 43.6 | 43.6 | 43.7 | 15.58 | 15.37 | 15.06 |
| Rubber and Miscellaneous Plastics Products | 398.86 | 390.70 | 398.11 | 40.7 | 41.3 | 42.9 | 9.80 | 9.46 | 9.28 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Transportation | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Trucking and Warehousing | 417.96 | 441.32 | 448.80 | 32.2 | 34.0 | 34.0 | 12.98 | 12.98 | 13.20 |
| Communications, Electric, Gas Services | 692.17 | 690.61 | 660.07 | 44.2 | 44.1 | 43.8 | 15.66 | 15.66 | 15.07 |
| Communications | 684.20 | 682.65 | 582.65 | 44.0 | 43.9 | 40.1 | 15.55 | 15.55 | 14.53 |
| Electric, Gas, and Sanitary Services | 706.46 | 702.85 | 794.74 | 44.6 | 44.4 | 50.3 | 15.84 | 15.83 | 15.80 |
| Wholesale Trade | 415.06 | 411.06 | 398.21 | 38.9 | 39.0 | 38.4 | 10.67 | 10.54 | 10.37 |
| Retail Trade[i] | 183.85 | 194.60 | 183.03 | 26.8 | 28.0 | 27.4 | 6.86 | 6.95 | 6.68 |
| General Merchandise Stores | 211.59 | 232.87 | 202.19 | 28.1 | 30.6 | 28.2 | 7.53 | 7.61 | 7.17 |
| Food Stores | 189.66 | 193.01 | 189.13 | 26.6 | 27.3 | 26.6 | 7.13 | 7.07 | 7.11 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 489.39 | 485.27 | 439.25 | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 303.58 | 301.68 | 286.63 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 302.31 | 301.54 | 284.87 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Nursing and Personal Care Facilities | 245.48 | 248.58 | 229.91 | 32.3 | 33.1 | 32.2 | 7.60 | 7.51 | 7.14 |
| Hospitals | 390.92 | 392.02 | 400.42 | 33.7 | 34.0 | 34.4 | 11.60 | 11.53 | 11.64 |
| Engineering and Management Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Engineering and Architectural Services | 508.26 | 510.05 | 491.44 | 39.4 | 39.6 | 39.6 | 12.90 | 12.88 | 12.41 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

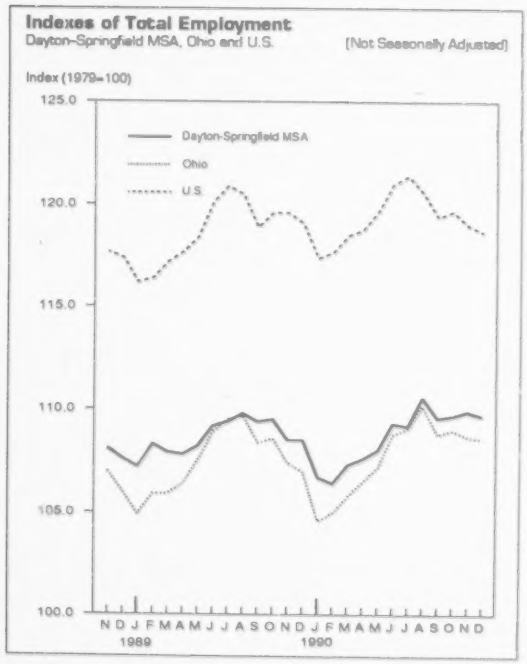
# Dayton-Springfield Metropolitan Statistical Area

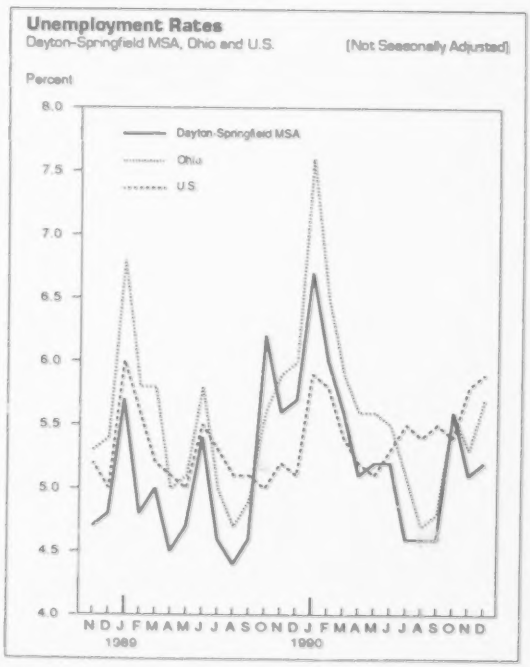



Nonagricultural payroll employment in the Dayton-Springfield metropolitan area dropped 11,700 below the December 1990 level to 445,600 in January 1991. The release of temporary workers in retail trade and services helped lower employment in service-producing industries 9,500. The number of jobs in goods-producing industries declined 2,200 over the month to 114,800 chiefly due to seasonal layoffs in construction. The manufacturing workforce lost 300 jobs as scattered reductions in durable goods negated increases in nondurable goods, especially rubber and miscellaneous plastics products. Factory production workers averaged $13.70 per hour, up 10 cents from December. Their average workweek was unchanged from last month at 41.5 hours.

Nonfarm wage and salary employment advanced 1,200 between January 1990 and January 1991. Expansion in service-producing industries created 3,000 jobs. Leading growth sectors were services, particularly business services, and retail trade. Employment in goods-producing industries was 1,800 below the year-ago level with moderate cutbacks in construction. Manufacturing employment declined slightly as decreased production in industrial machinery and equipment, fabricated metal products, and printing and publishing offset growth in rubber and miscellaneous plastics products, transportation equipment, and paper and allied products.

Seasonally adjusted employment in the Dayton-Springfield area totaled 452,000 in January 1991, unchanged from December 1990. Gains in construction and manufacturing counterbalanced decreases in transportation and public utilities, finance, insurance, and real estate, and services. Since January 1990, nonfarm payroll employment rose 1,000 mainly due to growth in services.



## Dayton–Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| INA | INA | INA | INA | 1980 | 397.1 | 110.9 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1981 | 393.2 | 109.9 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1982 | 374.3 | 97.3 | INA | INA | INA | INA |
| 438.5 | 391.9 | 46.6 | 10.6 | 1983 | 372.3 | 95.5 | INA | INA | INA | INA |
| 440.1 | 404.8 | 35.2 | 8.0 | 1984 | 392.7 | 103.7 | 67.7 | $480.91 | 42.9 | $11.21 |
| 450.4 | 418.1 | 32.4 | 7.2 | 1985 | 408.9 | 106.3 | 69.1 | 517.10 | 43.2 | 11.97 |
| 460.5 | 430.1 | 30.3 | 6.6 | 1986 | 419.4 | 105.7 | 68.2 | 514.88 | 42.8 | 12.03 |
| 463.8 | 437.7 | 26.2 | 5.6 | 1987 | 429.8 | 104.3 | 67.1 | 499.38 | 42.0 | 11.89 |
| 468.2 | 443.9 | 24.4 | 5.2 | 1988 | 437.7 | 105.0 | 67.5 | 548.14 | 43.4 | 12.63 |
| 478.6 | 454.1 | 24.4 | 5.1 | 1989 | 448.4 | 105.0 | 67.5 | 555.56 | 42.9 | 12.95 |
| 479.7 | 454.3 | 25.4 | 5.3 | 1990 | 452.2 | 102.6 | 66.4 | 565.40 | 42.1 | 13.43 |
| | | | | 1990 | | | | | | |
| 478.5 | 446.2 | 32.3 | 6.7 | January | 444.5 | 101.1 | 65.3 | 535.30 | 41.4 | 12.93 |
| 473.4 | 444.9 | 28.4 | 6.0 | February | 445.2 | 101.9 | 65.7 | 545.02 | 41.7 | 13.07 |
| 475.1 | 448.6 | 26.5 | 5.6 | March | 449.2 | 102.2 | 66.0 | 553.92 | 41.9 | 13.22 |
| 474.2 | 449.8 | 24.3 | 5.1 | April | 450.5 | 102.7 | 66.6 | 539.23 | 41.1 | 13.12 |
| 476.5 | 451.5 | 25.0 | 5.2 | May | 453.9 | 103.3 | 67.1 | 583.08 | 43.0 | 13.56 |
| 481.9 | 456.8 | 25.1 | 5.2 | June | 455.3 | 104.3 | 67.8 | 605.68 | 43.7 | 13.86 |
| 478.5 | 456.5 | 22.0 | 4.6 | July | 449.6 | 103.9 | 67.0 | 570.54 | 42.2 | 13.52 |
| 484.6 | 462.4 | 22.2 | 4.6 | August | 450.7 | 103.0 | 66.3 | 557.19 | 41.8 | 13.33 |
| 480.5 | 458.2 | 22.3 | 4.6 | September | 456.3 | 103.2 | 66.9 | 590.04 | 43.1 | 13.69 |
| 485.8 | 458.4 | 27.4 | 5.6 | October | 456.4 | 102.6 | 66.8 | 580.98 | 42.5 | 13.67 |
| 483.7 | 459.2 | 24.5 | 5.1 | November | 457.1 | 101.7 | 66.1 | 564.62 | 41.7 | 13.54 |
| 483.7 | 458.7 | 25.0 | 5.2 | December | 457.4 | 101.1 | 65.5 | 564.40 | 41.5 | 13.60 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 445.6 | 100.8 | 64.9 | 568.55 | 41.5 | 13.70 |

INA – Information not available

## Dayton–Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 397 | 126 | 15 | 111 | 1980 | 271 | 16 | 17 | 66 | 16 | 82 | 75 |
| 393 | 123 | 13 | 110 | 1981 | 270 | 15 | 18 | 64 | 16 | 84 | 74 |
| 374 | 108 | 10 | 97 | 1982 | 266 | 14 | 18 | 62 | 16 | 85 | 72 |
| 372 | 106 | 11 | 96 | 1983 | 266 | 14 | 18 | 63 | 16 | 85 | 71 |
| 393 | 116 | 12 | 104 | 1984 | 277 | 15 | 19 | 67 | 16 | 89 | 71 |
| 409 | 120 | 13 | 106 | 1985 | 289 | 14 | 19 | 71 | 17 | 95 | 72 |
| 419 | 121 | 15 | 106 | 1986 | 298 | 15 | 19 | 75 | 17 | 100 | 73 |
| 430 | 121 | 16 | 104 | 1987 | 309 | 16 | 19 | 78 | 18 | 104 | 74 |
| 438 | 123 | 17 | 105 | 1988 | 315 | 17 | 20 | 79 | 18 | 108 | 73 |
| 448 | 123 | 18 | 105 | 1989 | 325 | 17 | 20 | 80 | 18 | 114 | 76 |
| 452 | 119 | 16 | 103 | 1990 | 333 | 18 | 20 | 82 | 17 | 118 | 77 |
| | | | | 1990 | | | | | | | |
| 451 | 120 | 17 | 102 | January | 331 | 18 | 20 | 81 | 17 | 117 | 77 |
| 452 | 121 | 18 | 103 | February | 331 | 18 | 20 | 82 | 17 | 118 | 76 |
| 454 | 121 | 18 | 103 | March | 333 | 18 | 20 | 82 | 17 | 118 | 77 |
| 451 | 120 | 17 | 103 | April | 330 | 18 | 20 | 82 | 17 | 117 | 76 |
| 453 | 120 | 16 | 103 | May | 333 | 18 | 20 | 82 | 17 | 118 | 77 |
| 453 | 120 | 16 | 104 | June | 333 | 18 | 20 | 82 | 17 | 118 | 77 |
| 453 | 120 | 16 | 104 | July | 333 | 18 | 20 | 82 | 17 | 118 | 78 |
| 454 | 119 | 16 | 103 | August | 336 | 19 | 20 | 82 | 17 | 119 | 79 |
| 452 | 118 | 16 | 102 | September | 334 | 19 | 20 | 82 | 17 | 119 | 77 |
| 451 | 118 | 15 | 102 | October | 333 | 18 | 20 | 82 | 17 | 119 | 77 |
| 451 | 117 | 15 | 101 | November | 334 | 18 | 20 | 82 | 18 | 119 | 77 |
| 452 | 117 | 15 | 101 | December | 335 | 19 | 20 | 82 | 18 | 120 | 77 |
| | | | | 1991 | | | | | | | |
| 452 | 118 | 16 | 102 | January | 334 | 18 | 20 | 82 | 17 | 119 | 77 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 445.6 | 457.4 | 444.5 | -11.7 | 1.2 |
| **Goods-Producing Industries[e]** | 114.8 | 117.0 | 116.6 | -2.2 | -1.8 |
| Construction | 13.6 | 15.5 | 15.2 | -1.9 | -1.6 |
| Manufacturing | 100.8 | 101.1 | 101.1 | -.3 | -.2 |
| Durable Goods[f] | 71.6 | 72.1 | 72.7 | -.5 | -1.0 |
| Fabricated Metal Products | 7.9 | 7.9 | 8.3 | -.1 | -.5 |
| Industrial Machinery and Equipment | 30.4 | 30.5 | 30.9 | -.2 | -.6 |
| Metalworking Machinery | 8.1 | 8.2 | 8.4 | -.1 | -.3 |
| General Industrial Machinery | 2.9 | 2.9 | 2.9 | .0 | .1 |
| Electronic and Other Electric Equipment | 3.4 | 3.5 | 3.5 | .0 | -.1 |
| Transportation Equipment | 21.5 | 21.6 | 20.9 | -.1 | .6 |
| Motor Vehicles and Equipment | 18.5 | 18.6 | 17.7 | -.1 | .8 |
| Nondurable Goods[g] | 29.2 | 29.0 | 28.4 | .2 | .8 |
| Food and Kindred Products | 2.7 | 2.7 | 2.7 | .0 | .0 |
| Paper and Allied Products | 6.5 | 6.6 | 6.2 | -.1 | .3 |
| Printing and Publishing | 8.6 | 8.7 | 9.0 | .0 | -.4 |
| Rubber and Miscellaneous Plastics Products | 7.9 | 7.5 | 7.1 | .3 | .7 |
| **Service-Producing Industries** | 330.8 | 340.3 | 327.9 | -9.5 | 3.0 |
| Transportation and Public Utilities | 18.1 | 18.8 | 18.1 | -.7 | .0 |
| Transportation | 11.5 | 12.3 | 11.6 | -.7 | -.1 |
| Trucking and Warehousing | 5.5 | 6.1 | 5.8 | -.6 | -.3 |
| Communications, Electric, Gas Services | 6.5 | 6.5 | 6.5 | .0 | .1 |
| Communications | 3.4 | 3.4 | 3.4 | .0 | .0 |
| Wholesale Trade | 19.6 | 19.9 | 19.9 | -.3 | -.3 |
| Wholesale Trade-Durable Goods | 13.3 | 13.5 | 13.7 | -.2 | -.4 |
| Wholesale Trade-Nondurable Goods | 6.3 | 6.4 | 6.2 | -.1 | .1 |
| Retail Trade | 81.1 | 85.1 | 79.9 | -4.1 | 1.2 |
| General Merchandise Stores | 13.0 | 14.3 | 12.6 | -1.3 | .4 |
| Finance, Insurance, and Real Estate | 17.3 | 17.5 | 17.0 | -.2 | .3 |
| Finance | 9.6 | 9.6 | 9.4 | .0 | .1 |
| Depository Institutions | 7.3 | 7.4 | 7.1 | .0 | .2 |
| Insurance | 4.5 | 4.6 | 4.3 | .0 | .2 |
| Services | 116.9 | 120.6 | 115.1 | -3.7 | 1.7 |
| Business Services | 23.5 | 24.8 | 22.4 | -1.3 | 1.1 |
| Personnel Supply Services | 6.5 | 7.7 | 6.2 | -1.2 | .3 |
| Computer and Data Processing Services | 6.1 | 6.0 | 5.2 | .1 | .9 |
| Health Services | 39.2 | 39.7 | 39.1 | -.5 | .1 |
| Nursing and Personal Care Facilities | 6.9 | 7.1 | 7.2 | -.1 | -.3 |
| Hospitals | 19.8 | 20.0 | 20.0 | -.2 | -.2 |
| Educational Services | 8.6 | 9.3 | 8.6 | -.7 | .0 |
| Social Services | 6.4 | 6.5 | 6.1 | -.1 | .3 |
| Engineering and Management Services | 10.3 | 10.5 | 10.3 | -.2 | .0 |
| Research and Testing Services | 3.1 | 3.2 | 3.2 | -.1 | -.1 |
| Government | 78.0 | 78.4 | 77.9 | -.5 | .1 |
| Federal Government | 28.1 | 28.3 | 29.4 | -.2 | -1.3 |
| State Government | 7.7 | 7.7 | 7.3 | .0 | .4 |
| State Government Education[h] | 4.7 | 4.8 | 4.4 | .0 | .3 |
| Local Government | 42.2 | 42.4 | 41.2 | -.2 | 1.0 |
| Local Government Education | 26.5 | 26.8 | 25.9 | -.3 | .6 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

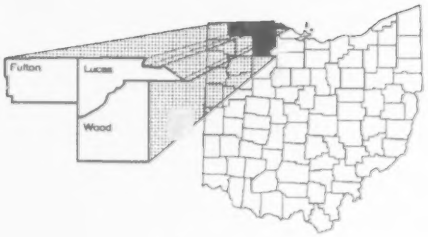
Not Seasonally Adjusted

Dayton–Springfield MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $568.55 | $564.40 | $535.30 | 41.5 | 41.5 | 41.4 | $13.70 | $13.60 | $12.93 |
| Durable Goods[f] | 595.86 | 592.07 | 557.61 | 42.2 | 42.2 | 41.8 | 14.12 | 14.03 | 13.34 |
| Fabricated Metal Products | 408.70 | 398.52 | 400.49 | 41.2 | 40.5 | 40.7 | 9.92 | 9.84 | 9.84 |
| Industrial Machinery and Equipment | 624.67 | 621.65 | 590.97 | 43.2 | 43.2 | 42.7 | 14.46 | 14.39 | 13.84 |
| Metalworking Machinery | 608.85 | 611.09 | 597.30 | 45.0 | 44.9 | 45.7 | 13.53 | 13.61 | 13.07 |
| General Industrial Machinery | 575.51 | 574.12 | 510.42 | 46.3 | 46.3 | 44.5 | 12.43 | 12.40 | 11.47 |
| Electronic and Other Electric Equipment | 382.08 | 391.00 | 367.79 | 42.5 | 43.3 | 41.7 | 8.99 | 9.03 | 8.82 |
| Transportation Equipment | 733.91 | 722.72 | 677.63 | 42.3 | 41.8 | 41.7 | 17.35 | 17.29 | 16.25 |
| Motor Vehicles and Equipment | 737.35 | 724.30 | 681.03 | 41.8 | 41.2 | 41.4 | 17.64 | 17.58 | 16.45 |
| Nondurable Goods[g] | 495.06 | 491.53 | 465.96 | 39.7 | 39.8 | 40.1 | 12.47 | 12.35 | 11.62 |
| Food and Kindred Products | 338.63 | 337.26 | 339.21 | 38.7 | 38.9 | 38.9 | 8.75 | 8.67 | 8.72 |
| Paper and Allied Products | 498.62 | 503.76 | 484.34 | 42.4 | 42.8 | 43.4 | 11.76 | 11.77 | 11.16 |
| Printing and Publishing | 458.62 | 446.46 | 445.06 | 38.8 | 37.9 | 38.6 | 11.82 | 11.78 | 11.53 |
| Rubber and Miscellaneous Plastics Products | 628.45 | 600.72 | 556.87 | 39.5 | 37.9 | 37.1 | 15.91 | 15.85 | 15.01 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 599.26 | 598.22 | 562.47 | 41.3 | 41.2 | 40.7 | 14.51 | 14.52 | 13.82 |
| Communications | 624.67 | 629.34 | 555.01 | 41.7 | 41.9 | 39.9 | 14.98 | 15.02 | 13.91 |
| Wholesale Trade | 396.15 | 394.45 | 391.24 | 38.8 | 38.9 | 39.4 | 10.21 | 10.14 | 9.93 |
| Retail Trade[i] | 175.34 | 187.99 | 166.98 | 27.1 | 29.1 | 27.6 | 6.47 | 6.46 | 6.05 |
| General Merchandise Stores | 193.62 | 215.03 | 175.44 | 27.7 | 31.3 | 27.2 | 6.99 | 6.87 | 6.45 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 285.30 | 290.26 | 269.47 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Hospitals | 416.24 | 415.73 | 409.60 | 34.4 | 34.5 | 34.8 | 12.10 | 12.05 | 11.77 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

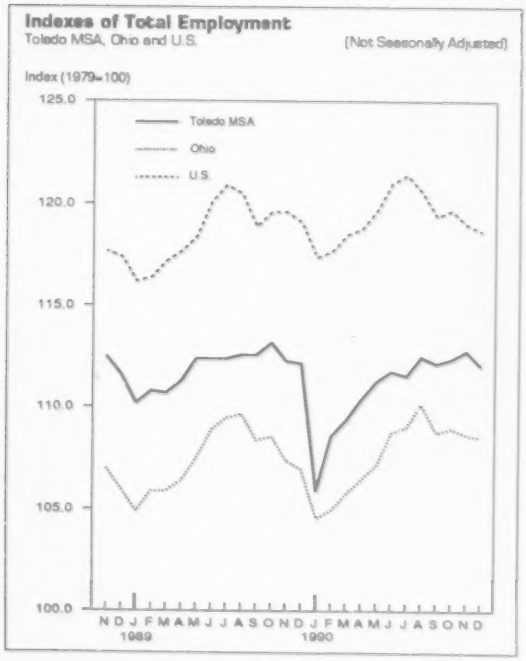
# Toledo Metropolitan Statistical Area

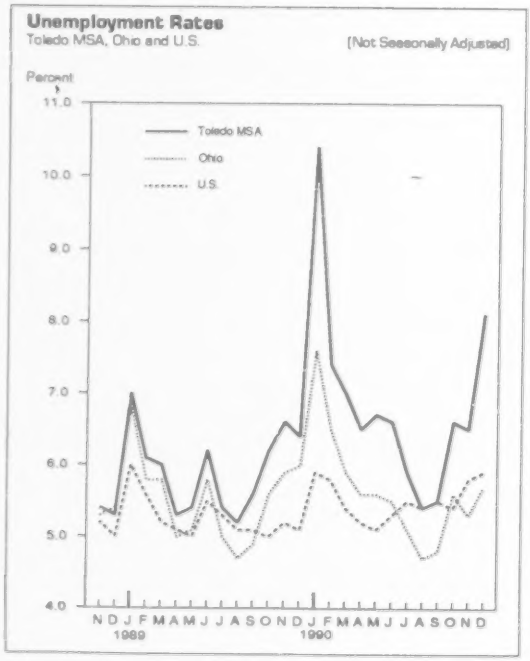



Nonfarm payroll employment in the Toledo metropolitan area dropped 10,400 below the December 1990 level to 281,000 in January 1991. The release of temporary workers in retail trade, seasonal layoffs of nonteaching personnel in state schools and colleges, and less business in services and transportation and public utilities lowered employment in service-producing industries 8,000. The number of jobs in goods-producing industries declined 2,400 over the month to 64,300 due to cutbacks in construction and durable-goods manufacturing, especially fabricated metal products, primary metal industries, and transportation equipment. Factory production workers averaged $13.31 per hour, down 9 cents from December. Their average workweek of 42.6 hours was 0.2 hours shorter.

Nonagricultural wage and salary employment declined 900 between January 1990 and January 1991. Employment in goods-producing industries fell 2,200 due to over-the-year production cutbacks in durable-goods manufacturing, especially transportation equipment, and reductions in construction employment. Expansion in services raised employment in service-producing industries 1,300 during the period.

Seasonally adjusted employment in the Toledo area totaled 286,000 in January 1991, unchanged from December 1990. Since January 1990, nonfarm payroll employment declined 1,000 as reductions in construction, manufacturing, and retail trade outweighed an increase in services.



## Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| INA | INA | INA | INA | 1980 | 257.0 | 66.4 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1981 | 254.2 | 65.8 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1982 | 244.4 | 60.2 | INA | INA | INA | INA |
| 289.2 | 256.1 | 33.1 | 11.4 | 1983 | 245.3 | 59.6 | INA | INA | INA | INA |
| 293.5 | 267.3 | 26.2 | 8.9 | 1984 | 257.0 | 64.8 | 45.7 | $502.42 | 43.2 | $11.63 |
| 296.5 | 272.3 | 24.3 | 8.2 | 1985 | 264.5 | 65.7 | 46.2 | 523.55 | 42.6 | 12.29 |
| 307.1 | 281.2 | 25.8 | 8.4 | 1986 | 272.0 | 63.4 | 44.2 | 527.03 | 42.4 | 12.43 |
| 307.6 | 285.1 | 22.5 | 7.3 | 1987 | 278.0 | 62.2 | 43.7 | 540.60 | 42.5 | 12.72 |
| 311.0 | 292.7 | 18.2 | 5.9 | 1988 | 286.6 | 62.7 | 44.9 | 566.78 | 43.2 | 13.12 |
| 317.9 | 299.0 | 18.9 | 5.9 | 1989 | 291.9 | 61.5 | 43.9 | 576.81 | 43.5 | 13.26 |
| 318.3 | 296.4 | 21.9 | 6.9 | 1990 | 290.7 | 59.2 | 42.2 | 580.13 | 43.1 | 13.46 |
| | | | | 1990 | | | | | | |
| 315.8 | 283.0 | 32.8 | 10.4 | January | 281.9 | 55.7 | 37.4 | 522.88 | 42.1 | 12.42 |
| 313.2 | 290.2 | 23.0 | 7.4 | February | 286.0 | 58.9 | 42.1 | 551.34 | 41.8 | 13.19 |
| 314.3 | 292.3 | 22.0 | 7.0 | March | 288.4 | 58.9 | 42.1 | 588.60 | 43.6 | 13.50 |
| 315.5 | 295.1 | 20.4 | 6.5 | April | 291.2 | 59.7 | 43.1 | 581.79 | 43.0 | 13.53 |
| 318.8 | 297.5 | 21.3 | 6.7 | May | 294.0 | 60.0 | 43.2 | 589.37 | 43.4 | 13.58 |
| 319.9 | 298.7 | 21.2 | 6.6 | June | 293.1 | 60.7 | 43.7 | 585.90 | 43.4 | 13.50 |
| 316.8 | 298.2 | 18.6 | 5.9 | July | 288.9 | 60.4 | 43.4 | 576.09 | 42.8 | 13.46 |
| 317.9 | 300.7 | 17.2 | 5.4 | August | 288.4 | 60.4 | 43.5 | 584.87 | 43.1 | 13.57 |
| 317.5 | 299.9 | 17.5 | 5.5 | September | 294.4 | 61.1 | 44.2 | 610.94 | 44.4 | 13.76 |
| 321.6 | 300.3 | 21.3 | 6.6 | October | 294.8 | 59.5 | 42.8 | 585.30 | 43.1 | 13.58 |
| 322.2 | 301.3 | 20.8 | 6.5 | November | 295.7 | 59.5 | 42.5 | 595.88 | 43.4 | 13.73 |
| 325.8 | 299.6 | 26.3 | 8.1 | December | 291.4 | 55.2 | 38.4 | 573.52 | 42.8 | 13.40 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 281.0 | 54.2 | 37.5 | 567.01 | 42.6 | 13.31 |

INA – Information not available

## Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 257 | 77 | 10 | 66 | 1980 | 180 | 16 | 14 | 46 | 9 | 54 | 40 |
| 254 | 76 | 9 | 66 | 1981 | 179 | 16 | 14 | 46 | 9 | 55 | 39 |
| 244 | 68 | 7 | 60 | 1982 | 177 | 14 | 14 | 44 | 9 | 57 | 38 |
| 245 | 67 | 7 | 60 | 1983 | 178 | 14 | 14 | 44 | 9 | 58 | 39 |
| 257 | 73 | 8 | 65 | 1984 | 184 | 14 | 15 | 47 | 10 | 59 | 39 |
| 265 | 74 | 9 | 66 | 1985 | 190 | 14 | 15 | 50 | 10 | 62 | 40 |
| 272 | 73 | 9 | 63 | 1986 | 199 | 14 | 15 | 52 | 11 | 67 | 41 |
| 278 | 73 | 10 | 62 | 1987 | 206 | 14 | 15 | 54 | 12 | 70 | 42 |
| 287 | 74 | 11 | 63 | 1988 | 213 | 13 | 15 | 57 | 12 | 73 | 42 |
| 292 | 74 | 12 | 62 | 1989 | 218 | 14 | 16 | 58 | 12 | 75 | 43 |
| 291 | 71 | 12 | 59 | 1990 | 219 | 15 | 15 | 57 | 12 | 77 | 44 |
| | | | | 1990 | | | | | | | |
| 287 | 69 | 12 | 56 | January | 218 | 15 | 15 | 57 | 12 | 76 | 43 |
| 291 | 72 | 12 | 59 | February | 219 | 15 | 15 | 57 | 12 | 76 | 44 |
| 292 | 72 | 13 | 59 | March | 220 | 15 | 15 | 57 | 12 | 76 | 44 |
| 291 | 73 | 13 | 60 | April | 219 | 15 | 15 | 57 | 12 | 76 | 44 |
| 292 | 73 | 12 | 60 | May | 219 | 15 | 15 | 57 | 12 | 76 | 44 |
| 293 | 73 | 12 | 61 | June | 221 | 15 | 15 | 57 | 12 | 76 | 45 |
| 292 | 73 | 12 | 61 | July | 219 | 15 | 15 | 57 | 12 | 77 | 43 |
| 292 | 72 | 12 | 60 | August | 220 | 14 | 15 | 57 | 12 | 77 | 44 |
| 292 | 72 | 12 | 60 | September | 220 | 15 | 15 | 57 | 12 | 77 | 44 |
| 290 | 71 | 11 | 59 | October | 219 | 15 | 15 | 56 | 12 | 77 | 44 |
| 291 | 71 | 11 | 59 | November | 220 | 15 | 15 | 57 | 12 | 77 | 44 |
| 286 | 66 | 11 | 55 | December | 220 | 15 | 15 | 56 | 12 | 78 | 44 |
| | | | | 1991 | | | | | | | |
| 286 | 66 | 11 | 55 | January | 219 | 15 | 15 | 56 | 12 | 78 | 43 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 281.0 | 291.4 | 281.9 | -10.4 | -.9 |
| **Goods-Producing Industries**[e] | 64.3 | 66.7 | 66.5 | -2.4 | -2.2 |
| Construction | 9.9 | 11.3 | 10.6 | -1.4 | -.7 |
| Manufacturing | 54.2 | 55.2 | 55.7 | -.9 | -1.4 |
| Durable Goods[f] | 39.4 | 40.4 | 40.7 | -1.0 | -1.3 |
| Stone, Clay, and Glass Products | 7.7 | 7.8 | 8.0 | -.1 | -.3 |
| Primary Metal Industries | 3.1 | 3.3 | 3.2 | -.2 | -.1 |
| Fabricated Metal Products | 5.8 | 6.3 | 5.8 | -.5 | -.1 |
| Metal Forgings and Stampings | 2.1 | 2.3 | 2.0 | -.3 | .1 |
| Industrial Machinery and Equipment | 5.8 | 5.8 | 5.7 | .0 | .2 |
| Transportation Equipment | 9.8 | 9.9 | 11.2 | -.2 | -1.5 |
| Nondurable Goods[g] | 14.9 | 14.8 | 15.0 | .1 | -.1 |
| Food and Kindred Products | 3.6 | 3.5 | 3.8 | .1 | -.2 |
| Rubber and Miscellaneous Plastics Products | 3.8 | 3.8 | 3.7 | .0 | .1 |
| **Service-Producing Industries** | 216.7 | 224.7 | 215.4 | -8.0 | 1.3 |
| Transportation and Public Utilities | 14.2 | 15.2 | 14.1 | -1.0 | .0 |
| Transportation | 9.3 | 10.3 | 9.4 | -.9 | -.1 |
| Communications, Electric, Gas Services | 4.8 | 4.9 | 4.7 | -.1 | .1 |
| Wholesale Trade | 15.0 | 15.2 | 15.2 | -.2 | -.2 |
| Wholesale Trade-Durable Goods | 9.7 | 9.9 | 9.9 | -.1 | -.2 |
| Wholesale Trade-Nondurable Goods | 5.3 | 5.4 | 5.3 | -.1 | .0 |
| Retail Trade | 55.5 | 58.9 | 55.9 | -3.4 | -.3 |
| General Merchandise Stores | 8.8 | 9.7 | 9.0 | -.9 | -.2 |
| Finance, Insurance, and Real Estate | 12.0 | 12.1 | 12.0 | -.1 | .0 |
| Finance | 6.2 | 6.2 | 6.3 | .0 | -.2 |
| Insurance | 3.7 | 3.8 | 3.7 | .0 | .0 |
| Services | 76.3 | 77.6 | 74.2 | -1.3 | 2.0 |
| Business Services | 12.3 | 12.7 | 12.5 | -.4 | -.2 |
| Personnel Supply Services | 4.4 | 4.8 | 4.3 | -.4 | .0 |
| Health Services | 28.5 | 28.7 | 27.7 | -.2 | .8 |
| Nursing and Personal Care Facilities | 4.0 | 4.1 | 4.1 | -.1 | -.1 |
| Hospitals | 15.5 | 15.5 | 15.1 | .0 | .4 |
| Engineering and Management Services | 6.0 | 6.2 | 5.9 | -.1 | .1 |
| Government | 43.8 | 45.7 | 44.0 | -2.0 | -.2 |
| Federal Government | 2.5 | 2.5 | 2.6 | .0 | -.1 |
| State Government | 16.0 | 17.7 | 16.0 | -1.7 | .0 |
| State Government Education[h] | 11.7 | 13.5 | 11.7 | -1.7 | .0 |
| Local Government | 25.3 | 25.6 | 25.4 | -.3 | -.1 |
| Local Government Education | 14.9 | 15.2 | 14.8 | -.2 | .2 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

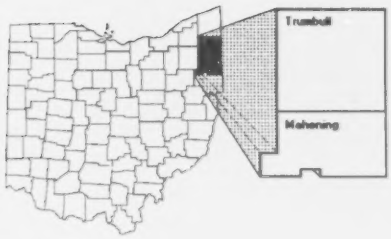
Not Seasonally Adjusted

Toledo MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $567.01 | $573.52 | $522.88 | 42.6 | 42.8 | 42.1 | $13.31 | $13.40 | $12.42 |
| Durable Goods[f] | 572.61 | 568.51 | 512.08 | 42.7 | 42.3 | 41.7 | 13.41 | 13.44 | 12.28 |
| Stone, Clay, and Glass Products | 527.10 | 527.47 | 491.88 | 41.9 | 41.5 | 41.3 | 12.58 | 12.71 | 11.91 |
| Primary Metal Industries | 497.70 | 504.74 | 492.48 | 42.0 | 43.4 | 43.2 | 11.85 | 11.63 | 11.40 |
| Fabricated Metal Products | 509.65 | 499.20 | 454.18 | 42.9 | 41.6 | 40.3 | 11.88 | 12.00 | 11.27 |
| Metal Forgings and Stampings | 700.34 | 710.79 | 621.57 | 42.6 | 43.0 | 41.3 | 16.44 | 16.53 | 15.05 |
| Industrial Machinery and Equipment | 488.14 | 504.71 | 494.16 | 41.9 | 42.7 | 42.6 | 11.65 | 11.82 | 11.60 |
| Transportation Equipment | 754.80 | 745.50 | 743.01 | 42.5 | 42.0 | 42.8 | 17.76 | 17.75 | 17.36 |
| Nondurable Goods[g] | 548.14 | 584.77 | 545.27 | 42.1 | 44.1 | 42.8 | 13.02 | 13.26 | 12.74 |
| Food and Kindred Products | 620.78 | 743.82 | 713.39 | 43.2 | 48.3 | 48.3 | 14.37 | 15.40 | 14.77 |
| Rubber and Miscellaneous Plastics Products | 352.63 | 357.41 | 359.07 | 40.3 | 40.8 | 40.3 | 8.75 | 8.76 | 8.91 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 651.14 | 643.22 | 609.00 | 41.5 | 41.1 | 40.9 | 15.69 | 15.65 | 14.89 |
| Wholesale Trade | 421.05 | 421.20 | 412.00 | 40.1 | 40.0 | 40.0 | 10.50 | 10.53 | 10.30 |
| Retail Trade[i] | 166.00 | 173.26 | 160.33 | 26.1 | 27.2 | 26.5 | 6.36 | 6.37 | 6.05 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 359.53 | 352.11 | 374.25 | .... | .... | .... | ..... | ..... | ..... |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

# Youngstown-Warren Metropolitan Statistical Area

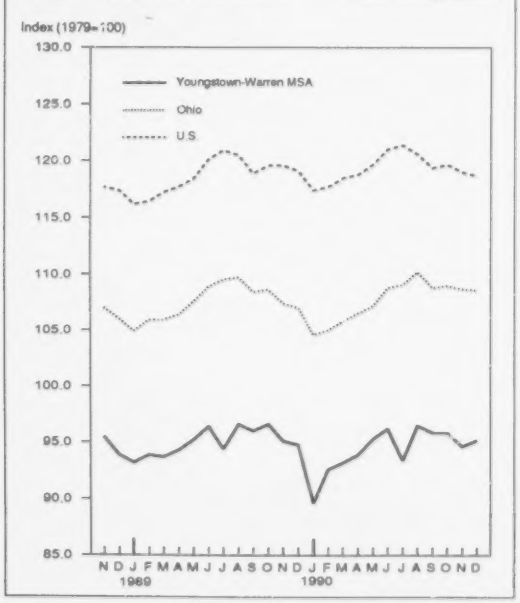



In the Youngstown-Warren metropolitan area, total nonfarm payroll employment dropped 5,700 below the December 1990 level to 194,800 in January 1991. The release of temporary workers in retail trade and services lowered employment in the service-producing sector 4,300. Employment in goods-producing industries declined 1,400 over the month to 55,100 due chiefly to seasonal layoffs in construction. Manufacturing production workers averaged $15.37 per hour, up fractionally from December. Their average workweek of 42.0 hours was 0.2 hours longer.

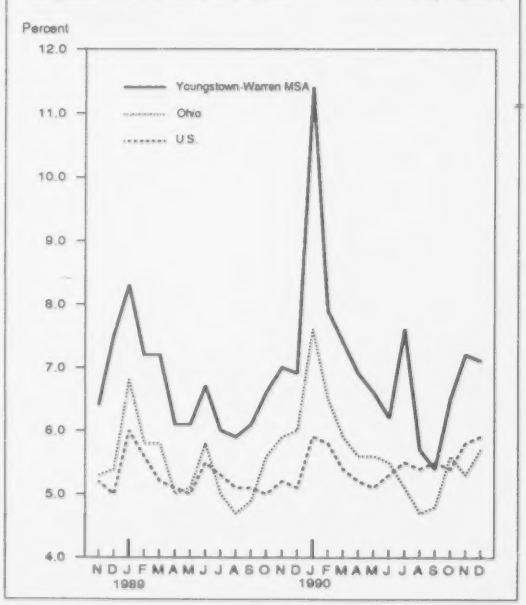
Nonagricultural wage and salary employment advanced 6,400 between January 1990 and January 1991. The number of jobs in goods-producing industries was 5,200 above the year-ago level as scattered improvements in durable- and nondurable-goods manufacturing more than offset declines in construction. Temporary shutdowns in manufacturing, especially in transportation equipment and fabricated metal products, lowered manufacturing employment significantly in January 1990. The workforce in service-producing industries rose 1,200 over the year. Noteworthy expansion occurred in services, retail trade, wholesale trade, and local government. Employment in transportation and public utilities declined.

Seasonally adjusted employment in the Youngstown-Warren area totaled 199,000 in January 1991, unchanged from December 1990. Since January 1990, nonfarm payroll employment advanced 6,000. Over-the-year gains in manufacturing and services outweighed decreases in construction and finance, insurance, and real estate. Manufacturing employment was significantly lower in January 1990 due to temporary production shutdowns.

**Indexes of Total Employment**
Youngstown-Warren MSA, Ohio and U.S. (Not Seasonally Adjusted)




**Unemployment Rates**
Youngstown-Warren MSA, Ohio and U.S. (Not Seasonally Adjusted)



## Youngstown–Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 238.9 | 210.5 | 28.4 | 11.9 | 1980 | 203.1 | 70.8 | 54.1 | $409.77 | 39.9 | $10.27 |
| 234.0 | 205.7 | 28.2 | 12.1 | 1981 | 198.7 | 67.3 | 50.8 | 474.10 | 40.8 | 11.62 |
| 237.0 | 190.3 | 46.6 | 19.7 | 1982 | 180.6 | 52.9 | 38.1 | 460.60 | 39.3 | 11.72 |
| 225.6 | 188.1 | 37.5 | 16.6 | 1983 | 177.4 | 52.8 | 36.6 | 521.20 | 42.1 | 12.38 |
| 222.2 | 195.9 | 26.3 | 11.8 | 1984 | 182.5 | 55.1 | 41.8 | 555.97 | 43.3 | 12.84 |
| 221.3 | 196.3 | 25.0 | 11.3 | 1985 | 184.2 | 52.7 | 39.6 | 570.64 | 43.1 | 13.24 |
| 223.7 | 200.0 | 23.7 | 10.6 | 1986 | 187.1 | 51.7 | 38.7 | 553.28 | 41.6 | 13.30 |
| 221.6 | 200.0 | 21.6 | 9.7 | 1987 | 188.3 | 48.9 | 36.7 | 567.91 | 42.7 | 13.30 |
| 221.3 | 204.9 | 16.4 | 7.4 | 1988 | 193.8 | 50.5 | 38.5 | 574.86 | 42.3 | 13.59 |
| 223.9 | 209.0 | 15.0 | 6.7 | 1989 | 197.5 | 50.0 | 37.9 | 599.63 | 42.8 | 14.01 |
| 223.5 | 207.5 | 16.0 | 7.1 | 1990 | 197.7 | 48.0 | 35.6 | 625.98 | 42.7 | 14.66 |
| | | | | 1990 | | | | | | |
| 222.3 | 197.0 | 25.3 | 11.4 | January | 188.4 | 42.2 | 29.6 | 579.83 | 42.2 | 13.74 |
| 221.0 | 203.7 | 17.4 | 7.9 | February | 194.4 | 48.9 | 36.7 | 591.63 | 41.9 | 14.12 |
| 221.3 | 205.0 | 16.3 | 7.4 | March | 196.6 | 49.0 | 36.8 | 596.24 | 41.9 | 14.23 |
| 221.7 | 206.5 | 15.2 | 6.9 | April | 197.7 | 49.2 | 37.0 | 602.45 | 42.1 | 14.31 |
| 224.2 | 209.5 | 14.7 | 6.6 | May | 201.3 | 49.8 | 37.5 | 628.72 | 43.3 | 14.52 |
| 225.7 | 211.6 | 14.1 | 6.2 | June | 202.0 | 50.5 | 38.1 | 636.08 | 43.3 | 14.69 |
| 222.3 | 205.3 | 17.0 | 7.6 | July | 193.4 | 43.9 | 31.4 | 604.56 | 42.1 | 14.36 |
| 225.2 | 212.3 | 12.8 | 5.7 | August | 198.1 | 48.7 | 36.2 | 605.48 | 41.7 | 14.52 |
| 222.7 | 210.8 | 11.9 | 5.4 | September | 200.8 | 49.4 | 37.1 | 682.12 | 44.7 | 15.26 |
| 225.3 | 210.8 | 14.6 | 6.5 | October | 201.0 | 48.9 | 36.7 | 664.02 | 43.4 | 15.30 |
| 224.4 | 208.3 | 16.1 | 7.2 | November | 198.4 | 47.0 | 34.5 | 659.89 | 43.3 | 15.24 |
| 225.4 | 209.3 | 16.1 | 7.1 | December | 200.4 | 48.2 | 35.7 | 641.21 | 41.8 | 15.34 |
| | | | | 1991 | | | | | | |
| INA | INA | INA | INA | January | 194.8 | 48.0 | 35.6 | 645.54 | 42.0 | 15.37 |

INA – Information not available

## Youngstown–Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203 | 78 | 7 | 71 | 1980 | 125 | 10 | 8 | 37 | 7 | 38 | 26 |
| 199 | 75 | 6 | 67 | 1981 | 124 | 9 | 8 | 36 | 7 | 39 | 25 |
| 181 | 59 | 5 | 53 | 1982 | 121 | 8 | 8 | 35 | 7 | 39 | 24 |
| 177 | 58 | 5 | 53 | 1983 | 119 | 8 | 8 | 34 | 7 | 39 | 24 |
| 182 | 61 | 6 | 55 | 1984 | 121 | 9 | 8 | 35 | 7 | 40 | 23 |
| 184 | 60 | 6 | 53 | 1985 | 124 | 8 | 9 | 37 | 7 | 41 | 23 |
| 187 | 59 | 7 | 52 | 1986 | 128 | 8 | 9 | 37 | 8 | 43 | 24 |
| 188 | 57 | 7 | 49 | 1987 | 131 | 8 | 10 | 39 | 8 | 44 | 24 |
| 194 | 58 | 7 | 51 | 1988 | 135 | 8 | 10 | 40 | 8 | 45 | 24 |
| 197 | 58 | 8 | 50 | 1989 | 139 | 8 | 11 | 42 | 9 | 46 | 24 |
| 198 | 57 | 8 | 48 | 1990 | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| | | | | 1990 | | | | | | | |
| 193 | 52 | 9 | 43 | January | 141 | 7 | 11 | 42 | 9 | 47 | 24 |
| 199 | 59 | 9 | 49 | February | 140 | 8 | 11 | 42 | 9 | 47 | 24 |
| 200 | 58 | 9 | 49 | March | 141 | 8 | 11 | 42 | 9 | 48 | 24 |
| 198 | 58 | 8 | 49 | April | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 199 | 58 | 8 | 50 | May | 141 | 7 | 11 | 42 | 8 | 48 | 25 |
| 199 | 59 | 8 | 50 | June | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 194 | 54 | 8 | 45 | July | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 199 | 58 | 8 | 49 | August | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 198 | 57 | 8 | 49 | September | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 198 | 57 | 8 | 48 | October | 142 | 7 | 11 | 42 | 8 | 48 | 25 |
| 196 | 55 | 8 | 46 | November | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 199 | 57 | 8 | 48 | December | 142 | 7 | 11 | 42 | 8 | 48 | 24 |
| | | | | 1991 | | | | | | | |
| 199 | 57 | 8 | 48 | January | 142 | 7 | 11 | 42 | 8 | 48 | 24 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 194.8 | 200.4 | 188.4 | -5.7 | 6.4 |
| **Goods-Producing Industries**[e] | 55.1 | 56.4 | 49.8 | -1.4 | 5.2 |
| Construction | 6.7 | 7.9 | 7.3 | -1.2 | -.5 |
| Manufacturing | 48.0 | 48.2 | 42.2 | -.1 | 5.8 |
| Durable Goods[f] | 42.7 | 42.9 | 37.1 | -.2 | 5.6 |
| Primary Metal Industries | 17.5 | 17.4 | 17.5 | .1 | .0 |
| Blast Furnace and Basic Steel Products | 6.5 | 6.5 | 6.4 | .0 | .2 |
| Fabricated Metal Products | 7.1 | 7.2 | 5.8 | -.1 | 1.3 |
| Metal Forgings and Stampings | 3.9 | 3.9 | 2.4 | .0 | 1.5 |
| Industrial Machinery and Equipment | 4.2 | 4.2 | 4.4 | .0 | -.1 |
| Transportation Equipment | 9.2 | 9.2 | 4.5 | .0 | 4.7 |
| Nondurable Goods[g] | 5.3 | 5.3 | 5.0 | .1 | .3 |
| **Service-Producing Industries** | 139.7 | 144.0 | 138.5 | -4.3 | 1.2 |
| Transportation and Public Utilities | 6.9 | 7.3 | 7.3 | -.4 | -.4 |
| Wholesale Trade | 11.1 | 11.4 | 10.9 | -.3 | .3 |
| Wholesale Trade-Durable Goods | 6.4 | 6.6 | 6.6 | -.2 | -.2 |
| Wholesale Trade-Nondurable Goods | 4.7 | 4.9 | 4.3 | -.1 | .5 |
| Retail Trade | 41.6 | 43.6 | 41.2 | -2.1 | .4 |
| General Merchandise Stores | 5.7 | 6.3 | 5.9 | -.6 | -.2 |
| Finance, Insurance, and Real Estate | 8.3 | 8.2 | 8.5 | .1 | -.2 |
| Finance | 4.7 | 4.6 | 4.7 | .0 | .0 |
| Services | 46.9 | 47.8 | 46.1 | -.9 | .8 |
| Health Services | 21.5 | 21.6 | 21.1 | -.2 | .4 |
| Nursing and Personal Care Facilities | 5.0 | 5.0 | 4.9 | -.1 | .1 |
| Hospitals | 10.7 | 10.6 | 10.7 | .1 | .0 |
| Government | 24.8 | 25.5 | 24.5 | -.7 | .3 |
| State Government | 4.2 | 4.7 | 4.2 | -.5 | .0 |
| State Government Education[h] | 2.7 | 3.2 | 2.7 | -.5 | .0 |
| Local Government | 18.5 | 18.7 | 18.3 | -.2 | .3 |
| Local Government Education | 11.8 | 12.0 | 11.8 | -.2 | .1 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

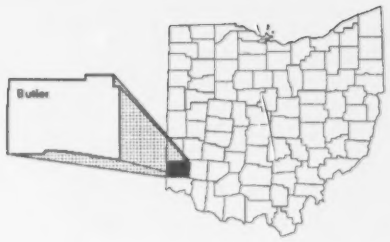
Not Seasonally Adjusted

Youngstown–Warren MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $645.54 | $641.21 | $579.83 | 42.0 | 41.8 | 42.2 | $15.37 | $15.34 | $13.74 |
| Durable Goods[f] | 662.65 | 658.56 | 596.99 | 42.1 | 42.0 | 42.4 | 15.74 | 15.68 | 14.08 |
| Primary Metal Industries | 666.37 | 660.85 | 649.32 | 41.7 | 41.2 | 42.0 | 15.98 | 16.04 | 15.46 |
| Blast Furnace and Basic Steel Products | 696.39 | 675.65 | 662.63 | 47.6 | 46.5 | 46.5 | 14.63 | 14.53 | 14.25 |
| Fabricated Metal Products | 629.24 | 627.90 | 579.04 | 41.1 | 41.5 | 44.0 | 15.31 | 15.13 | 13.16 |
| Metal Forgings and Stampings | 777.44 | 777.01 | 773.69 | 43.0 | 43.0 | 47.7 | 18.08 | 18.07 | 16.22 |
| Industrial Machinery and Equipment | 532.98 | 527.08 | 513.36 | 42.3 | 42.2 | 41.5 | 12.60 | 12.49 | 12.37 |
| Transportation Equipment | 824.01 | 820.37 | 697.57 | 45.3 | 45.1 | 43.9 | 18.19 | 18.19 | 15.89 |
| Nondurable Goods[g] | 447.02 | 449.01 | 428.39 | 40.2 | 39.7 | 40.3 | 11.12 | 11.31 | 10.63 |
| Wholesale Trade | 375.87 | 381.15 | 381.79 | 37.7 | 37.7 | 38.8 | 9.97 | 10.11 | 9.84 |
| Retail Trade[i] | 176.18 | 189.28 | 179.85 | 26.1 | 28.0 | 27.5 | 6.75 | 6.76 | 6.54 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 231.87 | 229.24 | 225.13 | .... | .... | .... | ..... | ..... | ..... |

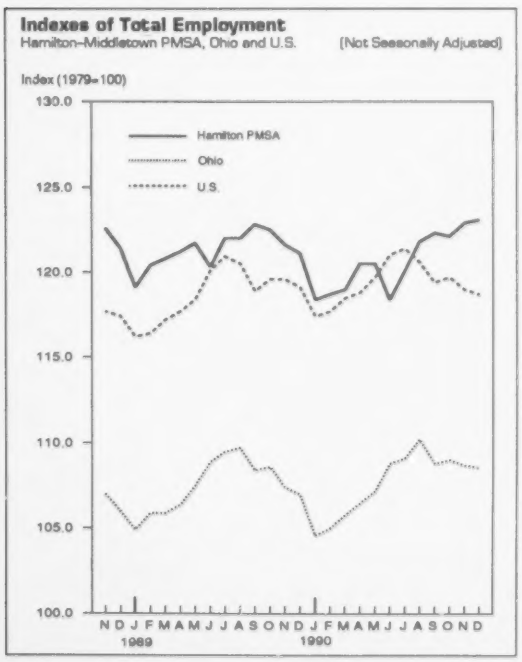
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

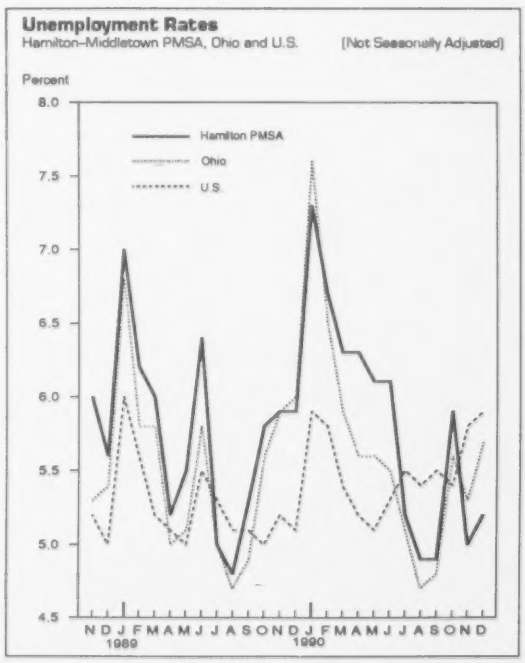
# Hamilton-Middletown Primary Metropolitan Statistical Area




In the Hamilton-Middletown metropolitan area, nonagricultural payroll employment totaled 95,000 in January 1991, down 2,800 from the December 1990 level. Employment in service-producing industries fell 2,000 over the month due to seasonal decreases in retail trade, state and local schools and colleges, and services. Reductions in construction and mining lowered employment in the goods-producing sector 800 to 26,100. Manufacturing employment increased 100 as the return of employees from a labor-management dispute in industrial machinery and equipment overshadowed declines in primary metal industries and fabricated metal products. Factory production workers averaged $14.50 per hour, up 9 cents from December. Their average workweek of 45.4 hours was 0.4 hours shorter.

Nonfarm wage and salary employment advanced 1,400 between January 1990 and January 1991. The workforce in the service-producing sector increased 2,200 over the year. Noteworthy gains were posted in local and state government, services, and retail trade. Production cutbacks in manufacturing, especially paper and allied products, and declines in construction and mining reduced employment in goods-producing industries 800.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Dec. 1990[b] | Nov. 1990[c] | Dec. 1989[c] | From Last Month | From Last Year |
| Civilian Labor Force | 133.3 | 132.9 | 132.3 | .4 | 1.0 |
| Employment | 126.4 | 126.2 | 124.4 | .1 | 1.9 |
| Unemployment | 7.0 | 6.7 | 7.9 | .3 | -.9 |
| Unemployment Rate | 5.2 | 5.0 | 5.9 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 95.0 | 97.8 | 93.6 | -2.8 | 1.4 |
| **Goods-Producing Industries** | 26.1 | 26.8 | 26.8 | -.8 | -.8 |
| Construction and Mining | 4.9 | 5.7 | 5.2 | -.9 | -.3 |
| Manufacturing | 21.2 | 21.1 | 21.6 | .1 | -.4 |
| Durable Goods | 14.8 | 14.7 | 15.2 | .1 | -.4 |
| Primary Metal Industries | 6.9 | 7.0 | 6.9 | -.1 | .0 |
| Fabricated Metal Products | 2.4 | 2.5 | 2.5 | -.1 | -.1 |
| Industrial Machinery and Equipment | 2.3 | 2.0 | 2.5 | .3 | -.1 |
| Nondurable Goods | 6.4 | 6.4 | 6.4 | .0 | .0 |
| Paper and Allied Products | 4.5 | 4.6 | 4.7 | .0 | -.2 |
| Paper Mills | 3.3 | 3.3 | 3.5 | .0 | -.2 |
| **Service-Producing Industries** | 69.0 | 71.0 | 66.8 | -2.0 | 2.2 |
| Transportation and Public Utilities | 3.3 | 3.4 | 3.3 | -.1 | .0 |
| Wholesale Trade | 5.8 | 5.9 | 5.8 | .0 | .0 |
| Wholesale Trade–Durable Goods | 3.9 | 4.0 | 3.9 | .0 | .0 |
| Retail Trade | 17.3 | 18.1 | 17.0 | -.8 | .3 |
| Food Stores | 3.4 | 3.5 | 3.2 | -.1 | .2 |
| Finance, Insurance, and Real Estate | 4.5 | 4.5 | 4.6 | .0 | -.1 |
| Services | 19.1 | 19.5 | 18.5 | -.5 | .6 |
| Health Services | 8.9 | 9.0 | 8.2 | -.1 | .7 |
| Government | 18.9 | 19.6 | 17.5 | -.7 | 1.4 |
| State Government (Includes Education) | 7.4 | 7.9 | 7.1 | -.4 | .4 |
| Local Government | 10.8 | 11.0 | 9.9 | -.2 | .9 |
| Local Government Education | 7.4 | 7.6 | 6.5 | -.2 | .9 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

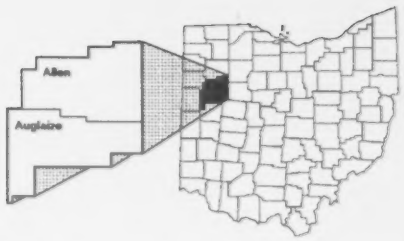
Not Seasonally Adjusted

Hamilton–Middletown PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $658.30 | $659.98 | $595.86 | 45.4 | 45.8 | 44.5 | $14.50 | $14.41 | $13.39 |
| Durable Goods | 677.16 | 686.81 | 597.52 | 45.6 | 46.5 | 44.0 | 14.85 | 14.77 | 13.58 |
| Primary Metal Industries | 763.80 | 765.60 | 649.00 | 47.5 | 48.0 | 44.3 | 16.08 | 15.95 | 14.65 |
| Fabricated Metal Products | 564.20 | 539.70 | 498.56 | 43.4 | 42.0 | 41.0 | 13.00 | 12.85 | 12.16 |
| Industrial Machinery and Equipment | 672.59 | 669.71 | 668.93 | 47.6 | 47.7 | 50.6 | 14.13 | 14.04 | 13.22 |
| Nondurable Goods | 604.79 | 591.82 | 590.44 | 44.7 | 44.1 | 45.7 | 13.53 | 13.42 | 12.92 |
| Paper and Allied Products | 641.66 | 629.73 | 604.30 | 46.7 | 46.1 | 46.2 | 13.74 | 13.66 | 13.08 |
| Paper Mills | 635.66 | 630.61 | 622.04 | 45.6 | 45.4 | 46.7 | 13.94 | 13.89 | 13.32 |
| Wholesale Trade | 440.49 | 439.27 | 452.62 | 40.9 | 40.9 | 42.7 | 10.77 | 10.74 | 10.60 |
| Retail Trade[f] | 169.37 | 177.92 | 166.38 | 26.3 | 27.8 | 27.5 | 6.44 | 6.40 | 6.05 |

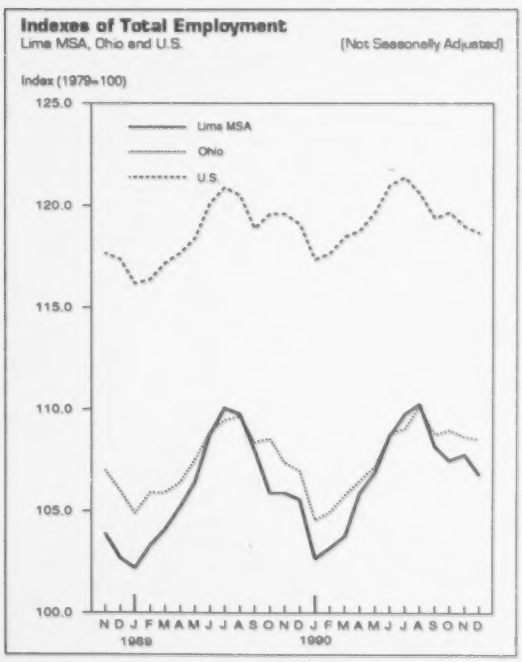
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

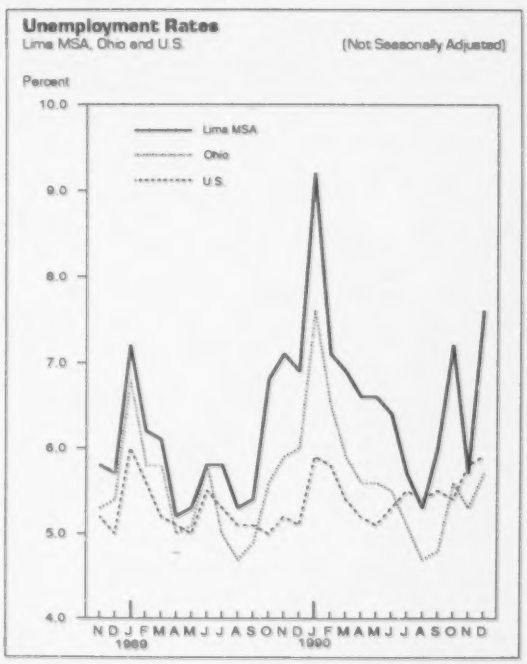
# Lima Metropolitan Statistical Area




Nonfarm wage and salary employment in the Lima metropolitan area totaled 71,800 in January 1991, down 800 from the December 1990 level. Seasonal decreases in retail trade, services, and local government education lowered employment in service-producing industries 1,400. Employment in the goods-producing sector rose 500 over the month to 25,200. The return of workers from temporary shutdowns in durable-goods manufacturing, especially transportation equipment, outweighed declines in construction and mining. Factory production workers averaged $13.75 per hour, up 29 cents from December. Their average workweek was 0.1 hours shorter at 42.7 hours.

Nonagricultural payroll employment advanced 1,000 between January 1990 and January 1991. Noteworthy gains in services and local government raised employment in service-producing industries 1,000. The goods-producing sector added 100 jobs as modest growth in manufacturing more than offset reductions in construction and mining. Expansion in transportation equipment and fabricated metal products negated a decline in industrial machinery and equipment.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Dec. 1990[b] | Nov. 1990[c] | Dec. 1989[c] | From Last Month | From Last Year |
| Civilian Labor Force | 79.8 | 79.0 | 78.4 | .8 | 1.4 |
| Employment | 73.8 | 74.5 | 73.0 | -.7 | .8 |
| Unemployment | 6.1 | 4.5 | 5.4 | 1.6 | .6 |
| Unemployment Rate | 7.6 | 5.7 | 6.9 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 71.8 | 72.7 | 70.8 | -.8 | 1.0 |
| **Goods-Producing Industries** | 25.2 | 24.7 | 25.1 | .5 | .1 |
| Construction and Mining | 2.6 | 3.0 | 2.9 | -.3 | -.3 |
| Manufacturing | 22.5 | 21.7 | 22.2 | .9 | .4 |
| Durable Goods | 15.9 | 15.0 | 15.8 | .9 | .2 |
| Fabricated Metal Products | 2.6 | 2.6 | 2.4 | .0 | .2 |
| Industrial Machinery and Equipment | 4.0 | 3.9 | 4.2 | .1 | -.2 |
| Transportation Equipment | 6.7 | 5.9 | 6.4 | .8 | .3 |
| Motor Vehicles and Equipment | 3.5 | 2.7 | 2.9 | .8 | .6 |
| Nondurable Goods | 6.6 | 6.6 | 6.4 | .0 | .2 |
| Food and Kindred Products | 1.8 | 1.8 | 1.7 | .0 | .1 |
| Rubber and Miscellaneous Plastics Products | 2.1 | 2.1 | 2.1 | .0 | .0 |
| **Service-Producing Industries** | 46.7 | 48.0 | 45.7 | -1.4 | 1.0 |
| Transportation and Public Utilities | 3.0 | 3.1 | 2.9 | -.1 | .0 |
| Wholesale Trade | 3.4 | 3.4 | 3.4 | .0 | .0 |
| Retail Trade | 13.4 | 14.0 | 13.5 | -.6 | -.1 |
| General Merchandise Stores | 2.2 | 2.4 | 2.3 | -.1 | -.1 |
| Finance, Insurance, and Real Estate | 2.1 | 2.1 | 2.0 | .0 | .0 |
| Services | 15.3 | 15.6 | 14.5 | -.4 | .7 |
| Health Services | 6.6 | 6.6 | 6.3 | .0 | .3 |
| Hospitals | 3.2 | 3.2 | 3.1 | .0 | .1 |
| Government | 9.6 | 9.8 | 9.3 | -.2 | .2 |
| Local Government | 7.2 | 7.4 | 7.0 | -.2 | .2 |
| Local Government Education | 4.1 | 4.3 | 4.0 | -.2 | .1 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Lima MSA

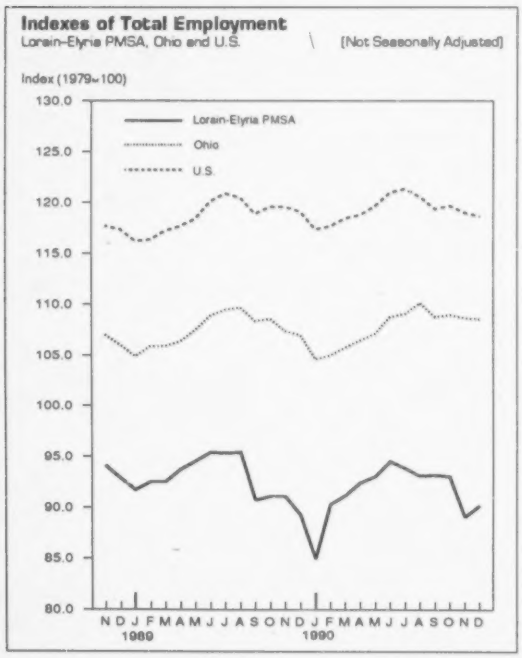
| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $587.13 | $576.09 | $543.51 | 42.7 | 42.8 | 42.1 | $13.75 | $13.46 | $12.91 |
| Durable Goods | 582.00 | 574.95 | 537.20 | 42.7 | 43.1 | 42.1 | 13.63 | 13.34 | 12.76 |
| Fabricated Metal Products | 369.56 | 360.45 | 365.92 | 40.7 | 40.5 | 41.3 | 9.08 | 8.90 | 8.86 |
| Industrial Machinery and Equipment | 499.57 | 518.74 | 466.99 | 41.7 | 42.8 | 41.0 | 11.98 | 12.12 | 11.39 |
| Transportation Equipment | 725.33 | 729.27 | 668.13 | 43.2 | 43.8 | 42.1 | 16.79 | 16.65 | 15.87 |
| Motor Vehicles and Equipment | 778.82 | 808.03 | 737.86 | 43.1 | 44.3 | 43.2 | 18.07 | 18.24 | 17.08 |
| Nondurable Goods | 601.77 | 577.92 | 562.95 | 42.8 | 42.0 | 42.2 | 14.06 | 13.76 | 13.34 |
| Food and Kindred Products | 392.97 | 409.84 | 378.82 | 42.3 | 43.6 | 40.3 | 9.29 | 9.40 | 9.40 |
| Rubber and Miscellaneous Plastics Products | 625.22 | 605.87 | 572.76 | 43.6 | 43.0 | 44.4 | 14.34 | 14.09 | 12.90 |
| Wholesale Trade | 368.63 | 373.84 | 367.87 | 38.2 | 38.7 | 38.4 | 9.65 | 9.66 | 9.58 |
| Retail Trade[j] | 183.23 | 191.85 | 188.78 | 28.9 | 30.5 | 30.4 | 6.34 | 6.29 | 6.21 |
| General Merchandise Stores | 177.19 | 205.73 | 169.46 | 27.6 | 31.7 | 27.2 | 6.42 | 6.49 | 6.23 |

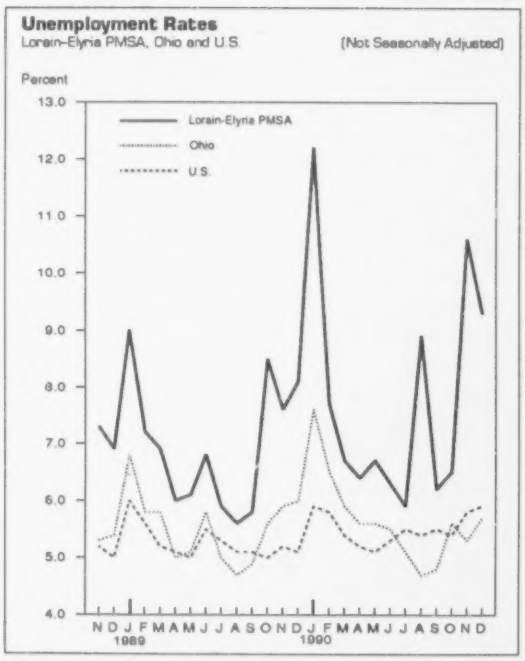
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[j]Depressed due to labor-management disputes.

# Lorain-Elyria
## Primary Metropolitan Statistical Area

Nonagricultural payroll employment in the Lorain-Elyria metropolitan area fell 5,200 below the December 1990 level to 86,700 in January 1991. Temporary production cutbacks in durable-goods manufacturing, especially transportation equipment, and less business in construction and mining lowered employment in goods-producing industries 3,300 to 27,600. The service-producing sector lost 1,900 jobs primarily due to seasonal layoffs in retail trade and services. Manufacturing production workers averaged $12.64 per hour, down 68 cents from December. Their average workweek was 0.3 hours shorter at 42.7 hours.

Nonfarm wage and salary employment advanced 1,100 between January 1990 and January 1991. Employment in the goods-producing sector increased 800 above the year-ago level as modest gains in manufacturing outweighed slight declines in construction and mining. Temporary shutdowns in durable-goods manufacturing, especially transportation equipment, lowered employment in manufacturing significantly in January 1990. The workforce in service-producing industries rose 300 over the year chiefly due to growth in government. Employment in retail trade, finance, insurance, and real estate, and services declined slightly during the period.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Dec. 1990[b] | Nov. 1990[c] | Dec. 1989[c] | From Last Month | From Last Year |
| Civilian Labor Force | 118.7 | 118.9 | 115.9 | -.2 | 2.8 |
| Employment | 107.6 | 106.3 | 106.5 | 1.3 | 1.2 |
| Unemployment | 11.1 | 12.6 | 9.4 | -1.5 | 1.6 |
| Unemployment Rate | 9.3 | 10.6 | 8.1 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 86.7 | 91.8 | 85.6 | -5.2 | 1.1 |
| **Goods–Producing Industries** | 27.6 | 30.8 | 26.8 | -3.3 | .8 |
| Construction and Mining | 4.1 | 4.4 | 4.3 | -.4 | -.2 |
| Manufacturing | 23.5 | 26.4 | 22.6 | -2.9 | 1.0 |
| Durable Goods | 18.7 | 21.6 | 18.1 | -2.9 | .6 |
| Primary Metal Industries | 4.5 | 4.5 | 4.3 | .0 | .2 |
| Fabricated Metal Products | 3.9 | 3.9 | 4.1 | .0 | -.2 |
| Transportation Equipment | 2.8 | 5.6 | 2.3 | -2.8 | .5 |
| Nondurable Goods | 4.8 | 4.8 | 4.5 | 0 | .3 |
| **Service–Producing Industries** | 59.1 | 61.0 | 58.8 | -1.9 | .3 |
| Transportation and Public Utilities | 3.2 | 3.3 | 3.1 | -.1 | .1 |
| Wholesale Trade | 2.5 | 2.6 | 2.5 | -.1 | .1 |
| Retail Trade | 16.0 | 17.0 | 16.2 | -1.0 | -.1 |
| Finance, Insurance, and Real Estate | 2.9 | 3.0 | 3.1 | -.1 | -.1 |
| Services | 20.3 | 20.8 | 20.4 | -.5 | -.1 |
| Health Services | 8.2 | 8.3 | 8.2 | .0 | .1 |
| Hospitals | 3.8 | 3.8 | 3.9 | .0 | -.1 |
| Government | 14.1 | 14.3 | 13.6 | -.2 | .5 |
| Local Government | 11.9 | 12.1 | 11.6 | -.2 | .3 |
| Local Government Education | 7.8 | 8.0 | 7.5 | -.2 | .2 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

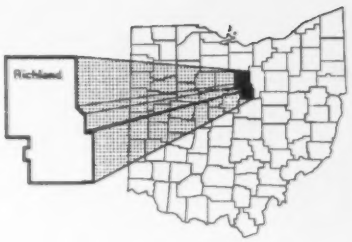
Not Seasonally Adjusted

Lorain–Elyria PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $539.73 | $572.76 | $509.92 | 42.7 | 43.0 | 42.6 | $12.64 | $13.32 | $11.97 |
| Durable Goods | 576.85 | 609.33 | 537.79 | 43.8 | 43.9 | 43.3 | 13.17 | 13.88 | 12.42 |
| Primary Metal Industries | 713.28 | 715.77 | 611.89 | 48.0 | 48.2 | 43.8 | 14.86 | 14.85 | 13.97 |
| Fabricated Metal Products | 446.29 | 441.67 | 438.12 | 44.1 | 43.6 | 43.9 | 10.12 | 10.13 | 9.98 |
| Transportation Equipment | 706.02 | 698.57 | 803.25 | 41.0 | 40.9 | 45.9 | 17.22 | 17.08 | 17.50 |
| Nondurable Goods | 389.26 | 388.36 | 397.40 | 38.2 | 38.3 | 39.7 | 10.19 | 10.14 | 10.01 |
| Wholesale Trade | 368.77 | 372.28 | 359.48 | 37.9 | 38.3 | 38.0 | 9.73 | 9.72 | 9.46 |
| Retail Trade[j] | 161.80 | 169.87 | 155.74 | 25.4 | 26.5 | 25.2 | 6.37 | 6.41 | 6.18 |

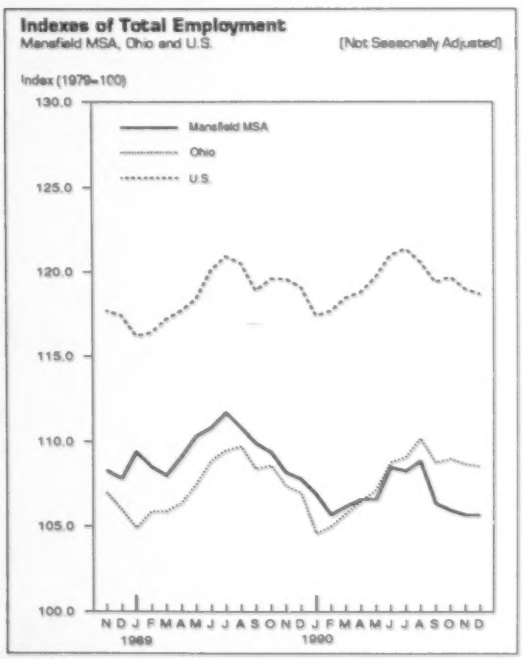
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

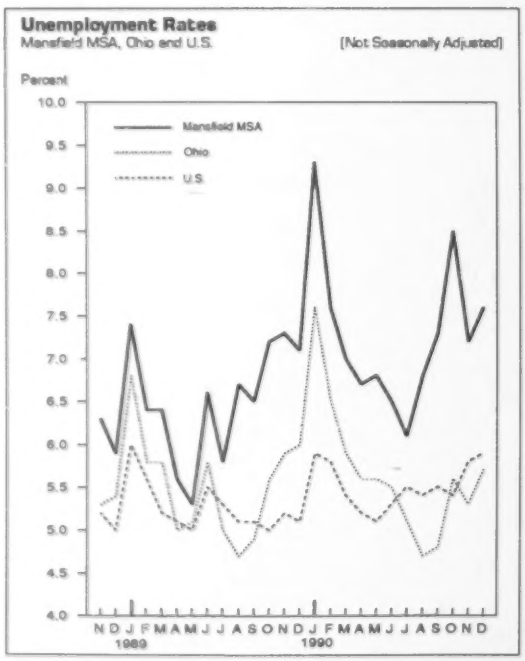
# Mansfield Metropolitan Statistical Area




Nonagricultural payroll employment in the Mansfield metropolitan area totaled 56,800 in January 1991, down 2,400 from December 1990. The workforce in service-producing industries lost 1,400 jobs over the month primarily due to seasonal layoffs in retail trade. Modest declines were posted in transportation and public utilities and services. Production cutbacks in durable-goods manufacturing, particularly electronic and other electric equipment, and decreases in construction and mining lowered employment in goods-producing industries 1,100 to 18,800. Factory production workers averaged $14.10 per hour, up 25 cents from December. Their average workweek of 40.5 hours was 0.4 hours longer.

Nonfarm wage and salary employment fell 2,000 between January 1990 and January 1991. The number of employees in goods-producing industries declined 1,300 from the year-ago level due to reductions in manufacturing and in construction and mining. A decrease in electronic and other electric equipment outweighed growth in fabricated metal products. Declines in retail trade lowered employment in service-producing industries 700 during the period.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Dec. 1990[b] | Nov. 1990[c] | Dec. 1989[c] | From Last Month | From Last Year |
| Civilian Labor Force | 64.4 | 64.2 | 65.3 | .2 | -1.0 |
| Employment | 59.5 | 59.5 | 60.7 | -.1 | -1.2 |
| Unemployment | 4.9 | 4.6 | 4.6 | .3 | .3 |
| Unemployment Rate | 7.6 | 7.2 | 7.1 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 56.8 | 59.2 | 58.8 | -2.4 | -2.0 |
| **Goods-Producing Industries** | 18.8 | 19.9 | 20.1 | -1.1 | -1.3 |
| Construction and Mining | 1.8 | 2.1 | 1.9 | -.4 | -.2 |
| Manufacturing | 17.1 | 17.8 | 18.2 | -.7 | -1.1 |
| Durable Goods | 15.2 | 15.9 | 16.2 | -.7 | -1.0 |
| Fabricated Metal Products | 5.4 | 5.4 | 5.0 | -.1 | .4 |
| Electronic and Other Electric Equipment | 2.4 | 3.0 | 3.5 | -.6 | -1.1 |
| Nondurable Goods | 1.9 | 1.9 | 2.0 | .0 | -.1 |
| **Service-Producing Industries** | 38.0 | 39.3 | 38.7 | -1.4 | -.7 |
| Transportation and Public Utilities | 2.9 | 3.1 | 3.0 | -.2 | -.1 |
| Wholesale Trade | 2.2 | 2.3 | 2.3 | -.1 | .0 |
| Retail Trade | 10.5 | 11.2 | 11.1 | -.8 | -.7 |
| Finance, Insurance, and Real Estate | 2.2 | 2.2 | 2.3 | .0 | .0 |
| Services | 12.7 | 12.9 | 12.6 | -.2 | .1 |
| Health Services | 4.5 | 4.5 | 4.3 | -.1 | .2 |
| Government | 7.4 | 7.6 | 7.4 | -.1 | .0 |
| Local Government | 5.6 | 5.7 | 5.7 | -.1 | .0 |
| Local Government Education | 4.0 | 4.1 | 3.8 | -.1 | .2 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

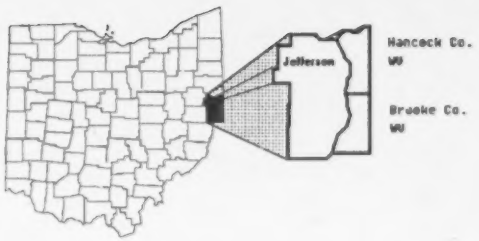
Not Seasonally Adjusted

Mansfield MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $571.05 | $555.39 | $523.58 | 40.5 | 40.1 | 40.4 | $14.10 | $13.85 | $12.96 |
| Durable Goods | 586.80 | 572.32 | 539.35 | 40.0 | 39.8 | 40.1 | 14.67 | 14.38 | 13.45 |
| Fabricated Metal Products | 728.00 | 723.79 | 607.91 | 40.0 | 39.9 | 37.0 | 18.20 | 18.14 | 16.43 |
| Electronic and Other Electric Equipment | 458.81 | 459.41 | 461.92 | 41.9 | 41.5 | 42.3 | 10.95 | 11.07 | 10.92 |
| Nondurable Goods | 419.78 | 397.06 | 377.14 | 44.8 | 43.3 | 43.3 | 9.37 | 9.17 | 8.71 |
| Wholesale Trade | 319.90 | 337.85 | 335.47 | 39.3 | 39.7 | 39.7 | 8.14 | 8.51 | 8.45 |
| Retail Trade[j] | 172.98 | 180.76 | 161.99 | 27.5 | 28.2 | 26.6 | 6.29 | 6.41 | 6.09 |

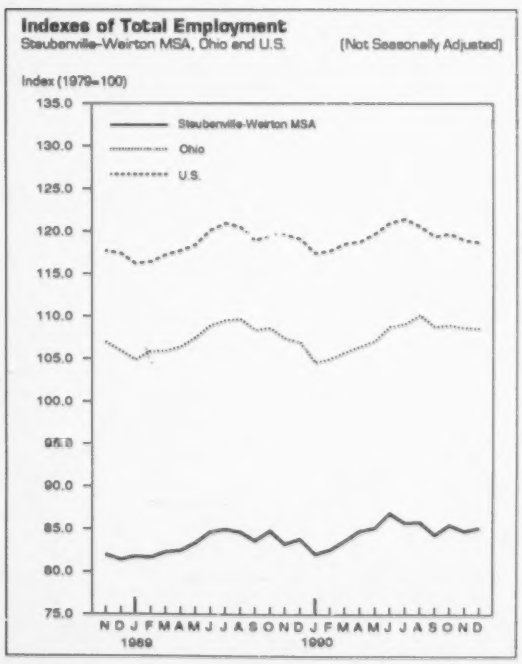
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

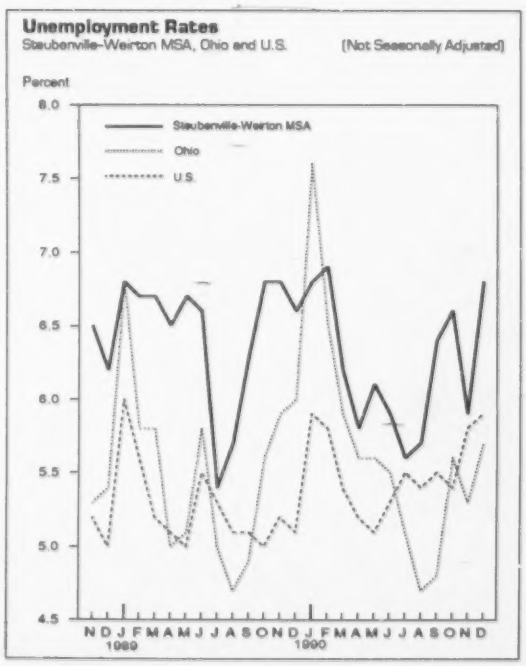
# Steubenville-Weirton Metropolitan Statistical Area




Nonagricultural payroll employment in the Steubenville-Weirton metropolitan area totaled 51,100 in January 1991, down 1,300 from the December 1990 level. The release of temporary employees in retail trade and services helped lower employment in service-producing industries 1,000. The number of jobs in goods-producing industries decreased 300 over the month to 20,200 due to seasonal declines in construction. Manufacturing production workers averaged $11.75 per hour, up fractionally from December. Their average workweek was 0.3 hours longer at 44.2 hours.

Nonfarm wage and salary employment rose 300 between January 1990 and January 1991. The improvement was concentrated in service-producing industries. Noteworthy gains were posted in services, especially health services, and government. Employment in goods-producing industries was unchanged during the period. Modest growth in construction counterbalanced declines in durable-goods manufacturing, particularly primary metal industries.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Dec. 1990[b] | Nov. 1990[c] | Dec. 1989[c] | From Last Month | From Last Year |
| Civilian Labor Force | 57.9 | 57.1 | 56.9 | .8 | 1.0 |
| Employment | 53.9 | 53.7 | 53.1 | .2 | .8 |
| Unemployment | 3.9 | 3.3 | 3.8 | .6 | .2 |
| Unemployment Rate | 6.8 | 5.9 | 6.6 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | From Last Month | From Last Year |
| **Total** | 51.1 | 52.4 | 50.8 | -1.3 | .3 |
| **Goods–Producing Industries** | 20.2 | 20.5 | 20.1 | -.3 | .0 |
| Mining | .8 | .9 | .9 | .0 | .0 |
| Construction | 1.9 | 2.1 | 1.7 | -.3 | .2 |
| Manufacturing | 17.4 | 17.5 | 17.6 | .0 | -.1 |
| Durable Goods | 15.7 | 15.8 | 16.0 | .0 | -.2 |
| Primary Metal Industries | 12.5 | 12.5 | 12.7 | .0 | -.2 |
| Nondurable Goods | 1.7 | 1.7 | 1.6 | .0 | .1 |
| **Service–Producing Industries** | 30.9 | 31.9 | 30.6 | -1.0 | .3 |
| Transportation and Public Utilities | 3.0 | 3.1 | 3.1 | -.1 | -.1 |
| Wholesale Trade | 1.1 | 1.2 | 1.2 | -.1 | -.1 |
| Retail Trade | 8.6 | 9.0 | 8.5 | -.4 | .1 |
| General Merchandise Stores | 1.4 | 1.5 | 1.6 | -.1 | -.2 |
| Finance, Insurance, and Real Estate | 1.6 | 1.6 | 1.7 | .0 | .0 |
| Services | 10.3 | 10.6 | 10.1 | -.3 | .2 |
| Health Services | 4.9 | 5.0 | 4.6 | .0 | .3 |
| Hospitals | 2.3 | 2.4 | 2.4 | .0 | -.1 |
| Government | 6.3 | 6.4 | 6.0 | -.1 | .2 |
| Local Government | 5.3 | 5.5 | 5.2 | -.1 | .1 |
| Local Government Education | 3.5 | 3.5 | 3.4 | .0 | .1 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] | Jan. 1991[b] | Dec. 1990[c] | Jan. 1990[c] |
| Manufacturing | $519.35 | $514.51 | $496.93 | 44.2 | 43.9 | 42.4 | $11.75 | $11.72 | $11.72 |
| Durable Goods | 544.50 | 537.56 | 520.03 | 45.0 | 44.5 | 43.3 | 12.10 | 12.08 | 12.01 |
| Primary Metal Industries | 571.94 | 571.94 | 553.38 | 45.5 | 45.5 | 44.2 | 12.57 | 12.57 | 12.52 |
| Nondurable Goods | 232.40 | 242.85 | 189.10 | 35.0 | 36.3 | 31.0 | 6.64 | 6.69 | 6.10 |
| Wholesale Trade | 348.47 | 342.28 | 358.43 | 40.1 | 39.8 | 40.5 | 8.69 | 8.60 | 8.85 |
| Retail Trade[f] | 169.02 | 177.77 | 157.41 | 27.0 | 29.0 | 27.0 | 6.26 | 6.13 | 5.83 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included. [l]Depressed due to labor-management disputes.

# Technical Notes

## Civilian Labor Force Estimates

**Civilian Labor Force.** Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

**Total Employed.** Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

**Total Unemployed.** Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

## Nonagricultural Wage and Salary Employment

**Collection.** Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

**Industrial Classification.** Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

**Coverage.** Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

| Industry Division | Approximate Percentage Covered by Sample | RMSE |
|---|---|---|
| Total | 41 | .3 |
| Goods–Producing Industries | 47 | .4 |
| Mining | 55 | 2.0 |
| Construction | 16 | 1.7 |
| Manufacturing | 53 | .3 |
| Service–Producing Industries | 38 | .2 |
| Transportation and Public Utilities | 41 | .3 |
| Wholesale Trade | 19 | .4 |
| Retail Trade | 24 | .5 |
| Finance, Insurance, and Real Estate | 41 | .4 |
| Services | 29 | .3 |
| Government | 76 | .3 |

**Measure of Error.** Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.3 percent from the actual change.

**Nonagricultural Employment.** Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

**Estimating Method.** Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

**Benchmark Data.** Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1990 benchmark.

## Seasonally Adjusted Estimates

**Seasonal Adjustment.** To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

## Hours and Earnings

**Method of Computing Averages.** Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

**Definitions.** Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

*Production Workers.* Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

*Nonsupervisory Workers.* Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

*Payroll.* Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

*Hours.* Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

## Selected Employment Service Activities

| | Ohio | | |
|---|---|---|---|
| | January 1991 | December 1990 | January 1990 |
| New Applicants | 32,863 | 26,834 | 37,843 |
| Applicants Active This Program Year | 437,191 | 402,429 | 507,849 |
| Counseling Interviews | 820 | 748 | 970 |
| Tests Administered | 642 | 945 | 1,527 |
| General Aptitude Tests | 253 | 444 | 259 |
| Proficiency Tests | 186 | 302 | 175 |
| Specific Aptitude Tests | 0 | 0 | 288 |
| Referrals to Jobs | 16,941 | 12,788 | 17,963 |
| Placements | 2,431 | 3,303 | 2,831 |
| Job Openings Received | INA | INA | 7,803 |
| Job Openings Unfilled | 19,043 | 16,419 | 14,212 |

INA – Information not available

## Selected Unemployment Insurance Activities

| | Ohio | | |
|---|---|---|---|
| | January 1991 | December 1990 | January 1990 |
| Initial Claims | 156,248 | 131,641 | 126,036 |
| Continued Claims | 805,042 | 536,062 | 680,630 |
| First Payments | 74,302 | 44,578 | 60,348 |
| Last Payments | 7,176 | 5,570 | 5,988 |
| Average Weekly Claimants | 167,802 | 120,592 | 141,989 |
| Average Weekly Benefit Recipients | 135,113 | 96,004 | 113,623 |
| Weeks Compensated | 653,702 | 401,836 | 505,632 |
| Benefits Paid | $113,545,323 | $69,059,700 | $83,571,684 |
| Average Weekly Payment | $179.02 | $176.02 | $173.38 |
| Continued Claims for Survey Week | 162,920 | 123,543 | 163,156 |
| Insured Unemployment Rate | 3.6 | 2.6 | 3.1 |
| Net Contributions | $19,840,313 | $3,737,498 | $21,630,811 |
| Active Employer Accounts | 207,729 | 207,701 | 206,158 |

OHIO BUREAU OF EMPLOYMENT SERVICES
LABOR MARKET INFORMATION DIVISION
145 SOUTH FRONT STREET
PO BOX 1618
COLUMBUS OH 43216-1618

Official Business
Penalty for Private Use $300

Postage and Fees Paid
Employment Security Mail
Lab 441

# Labor Market Review

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Keith Ewald, Director, Labor Market Information Division at (614) 644-2689.

If you do not wish to continue receiving this publication, please check here ☐ and return this cover to the address above.

If your address has changed, and you wish to continue receiving this publication, please indicate change(s) on address label and return this cover to the address above.